us-08-842-827-1.rni

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Query Match 74.9%; Score 1170.6; DB 3; Best Local Similarity 93.8%; Pred. No. 2.3e-312; Matches 1231; Conservative 0; Mismatches 79;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IMMEDIATE SOURCE:
LIBRARY: BLADNOTO6
CLONE: 1719418
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US-08-992-035A-2
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88.4
8.8
Sequence 316, App
Sequence 216, App
Sequence 273, App
                                                                                                (without alignments)
9430.425 Million cell updates/sec
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                                                                                                                                 November 11, 2005, 06:34:39 ; Search time 271.197 Seconds
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                                                                                                                                                                                                                                                                                                                                                                               /cgn2_6/ptodata/1/ina/5A_COMB.seq:*
/cgn2_6/ptodata/1/ina/5B_COMB.seq:*
/cgn2_6/ptodata/1/ina/6A_COMB.seq:*
/cgn2_6/ptodata/1/ina/6B_COMB.seq:*
/cgn2_6/ptodata/1/ina/6B_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
         GenCore version 5.1.6
(c) 1993 - 2005 Compugen Ltd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-566-921-177
US-09-439-313-456
US-09-635-616A-456
US-09-685-166A-456
US-09-685-166A-456
US-09-759-143-456
US-09-651-236-456
US-09-651-236-456
US-09-439-313-316
US-09-439-313-316
US-09-685-16A-316
US-09-685-16A-316
US-09-685-16A-316
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S-09-679-426-316
S-09-759-143-316
S-09-651-236-316
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                                                                                                                                                                                                                                               Total number of hits satisfying chosen parameters:
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-09-736-457-273
                                                                                                                                                                                                                           1202784 segs, 818138359 residues
                                                        nucleic search, using sw model
                                                                                                                                                                                                                                                                                                               Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                     IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
                                                                                                                                                                                                                                                                                                                                                                     Issued Patents NA:*
                                                                                                                                                                                                                                                                          Minimum DB seq length: 0
Maximum DB seq length: 200000000
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                    Copyright
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Match 1
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Perfect score:
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Sequence 8928, Ap
                                 Sequence
US-09-614-124B-1590

US-09-671-325-1590

US-09-658-824-1590

US-09-6736-457-342

US-09-614-124B-342

US-09-671-325-342

US-09-671-325-342

US-09-671-325-342

US-09-671-325-342

US-09-671-325-342

US-09-671-325-342

US-09-671-325-342

US-09-68-824-342

US-09-016-434-286

US-09-270-11662

US-09-270-11662

US-09-976-594-119

US-09-976-594-119

US-09-976-594-119
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COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/992,035A
FILING DATE: December 17, 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REGISTRATION NUMBER: PF-0433 US
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEFAX: 650-845-4166
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1315 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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Gaps

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DB 3; Length 1315;

us-08-842-827-1.rni

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                                                             1385 ACTCATTAAAAAACTCCAAGCCTTCCACCAAAACAGTGCCCCACCTGTATACATTTTTA
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Best Local Similarity 99.6%; Pred. No. 5.7e-63;
Matches 265; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                              Sequence 322, Application US/09016434
Fatent No. 6500938
GENERAL INFORMATION:
APPLICANT: Janice Au-Young
APPLICANT: Jeffrey J. Seilhamer
TITLE OF INVENTION: COMPOSITION FOR THE DETECT
TITLE OF INVENTION: PATHWAY GENE EXPRESSION
NUMBER OF SEQUENCES: 1490
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:

APPLICATION NUMBER:
FILING DATE:
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFRENCE/DOCKET NUMBER: 37,071
REGISTRATION FOR SEQ 1D NO: 322:
LENGTH: 266 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94304
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Win
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/016,434
FILING DATE: HEREWITH
CLASSIFICATION NATA:
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CLONE: 1859317
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500 CGGTCTATGTGCAGCTGGAGAGAGTGTGCAGGGGAAACCCTGCTGATGTCACCGAGGCCA 559
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              800 GCTACATCTCAGACTTCTTCAAAGCCCGACCCCACAGCACTGTCTGAAGGAGGAGGA 857
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Patent No. 6329505

Patent No. 6329505

GENERAL INFORMATION:

APPLICANT: Xu, Jiangchun

APPLICANT: Dillon, Davin C.

APPLICANT: Harlocker, Susan Louise

APPLICANT: Harlocker, Susan Louise

APPLICANT: Reed, Steven G.

APPLICANT: Reed, Steven G.

APPLICANT: Reed, Steven G.

APPLICANT: Reper, Mark

APPLICANT: Retter, Mark

APPLICANT: Retter, Mark

APPLICANT: Retter, Mark

APPLICANT: Solk, John

APPLICANT: Bay Craig

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND

TITLE OF INVENTION: COMPOSITIONS AND METHODS

CURRENT FILING DATE: 1999-11-12

NUMBER OF SEO ID NOS: 575

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 456

LENGTH: 231
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                                                            ATGAAGGAAGACTGGGCAAGANTCTTACGCCCCACACTGCAATTTGGTCTTGTTGCCGTA 120
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Patent No. 6682888

GENERAL INFORMATION:

APPLICANT: Loring, Jeanne F.

APPLICANT: Tingley, Debora W.

APPLICANT: Edwards, Carla M.

TITLE OF INVENTION: GENES EXPRESSED IN ALZHEIMER'S DISEASE

FILE REFERENCE: PA-0024 US

CURRENT APPLICATION NUMBER: US/09/566,921

CURRENT FILING DATE: 2000-05-05

NUMBER OF SEQ ID NOS: 138

SOFTWARE: PERL Program

SEQ ID NO 117

LENGTH: 1303
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909 ATGAAGGGAGACTGGGCAAGACTCTTACGCCCCACACTGCAATT
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; OTHER INFORMATION: Incyte ID No. 6682888 202234.2
US-09-566-921-117
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                             Sequence 456, Application US/09352616A

Patent No. 6395278

GENERAL INFORMATION:

APPLICANT: Dillon, Davin C.

APPLICANT: Jiang, Yuqui

APPLICANT: Jiang, Yuqui

APPLICANT: Mitcham, Jennifer Lynn

APPLICANT: Mitcham, Jennifer Lynn

TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS

TITLE OF INVENTION: OF PROSTATE CANCER AND METHODS FOR THEIR USE

FILE REFERENCE: 210121.427C8

CURRENT APPLICATION NUMBER: US/09/352,616A

CURRENT FILING DATE: 1999-07-13

NUMBER OF SEQ ID NOS: 472

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 456

LENGTH: 231
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APPLICANT: Wang, Aijun
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Hepler, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.42717C17
CURRENT APPLICATION NUMBER: US/09/636,215
CURRENT APPLICATION NUMBER: US/09/636,215
NUMBER OF SEQ ID NOS: 852
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Sequence 456, Application US/09636215

Patent No. 6620922

GENERAL INFORMATION:
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Dillon, Davin C.
Mitcham, Jennifer L.
Harlocker, Susan L.
Jiang, Yuqui
Henderson, Robert A.
Kalos, Michael D.
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Retter, Marc W.
Stolk, John A.
Day, Craig H.
Vedvick, Thomas S.
Carter, Darrick
Li, Samuel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity 99.6
Matches 226; Conservative
                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Homo sapiens
RESULT 5
US-09-352-616A-456
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APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Hepler, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.427C21
CURRENT APPLICATION NUMBER: US/09/685,166A
CURRENT FILING DATE: 2000-10-10
NUMBER OF SEQ ID NOS: 898
SOFTWARE: FastSEQ for Windows Version 3.0
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 FastSEQ for Windows Version 3.0
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US-09-685-166A-456

; Sequence 456, Application US/09685166A

; Patent No. 6630305

; GENERAL INFORMATION:

; APPLICANT: Xu, Jiangchun

; APPLICANT: Dillon, Davin C.

; APPLICANT: Mitcham, Jennifer L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Harlocker, Susan L.
Jiang, Yuqui
Henderson, Robert A.
Kalos, Michael D.
Fanger, Gary R.
Retter, Marc W.
Stolk, John A.
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Vedvick, Thomas S.
Carter, Darrick
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Best Local Similarity 99.6
Matches 226; Conservative
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; ORGANISM: Homo sapiens
US-09-685-166A-456
                                                                          ; ORGANISM: Homo sapiens US-09-636-215-456
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SOFTWARE: Fe
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 125 CTCAAATTCCTTTATCAGGAATAACTACATAGCCACTATTTACAAAGCCATTGGAACCTT 184
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APPLICANT: Wang, Aijun

APPLICANT: Skeiky, Yasir A.W.

APPLICANT: Hepler, William

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND

TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER

FILE REFERENCE: 210121.427C20

CURRENT APPLICATION NUMBER: US/09/679,426

CURRENT FILING DATE: 2000-10-02

NUMBER OF SEQ ID NOS: 895

SECTION 1
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                                                                                                                      185 TTTATTTGGTGCAGCTGCTAGTCAGTCCCTGACTGACATTGCCAAGT 231
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                                                                                                                                                                                                                Sequence 456, Application US/09679426;
Patent No. 6759515;
GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Fanger, Gary R.
APPLICANT: Fanger, Gary R.
APPLICANT: Fanger, Gary R.
APPLICANT: Stolk, John A.
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; Sequence 456, Application US/09759143
; Patent No. 6800746
; GENERAL INFORMATION:
; APPLICANT: Xu, Jiangchun
                                                                                                                                                                                                                                                                                                                                                                                                                                         Day, Craig H.
Vedvick, Thomas S.
Carter, Darrick
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Best Local Similarity 99.67
Matches 226; Conservative
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; ORGANISM: Homo sapiens
US-09-679-426-456
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                                969
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476 CAAGTACCCTTACAAAGAAGACACCATACCTTATGCGTTATTAGGTGGAATAATCATTCC 535
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APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Hepler, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.427C23
CURRENT APPLICATION NUMBER: US/09/759,143
CURRENT FILING DATE: 2001-01-12
NUMBER OF SEQ ID NOS: 934
SOFTWARE: FastSEQ for Windows Version 3.0
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                                       Jiang, Yuqui
Henderson, Robert A.
Kalos, Michael D.
Fanger, Gary R.
Retter, Marc W.
Stolk, John A.
Day, Craig H.
Vedvick, Thomas S.
Carter, Darrick
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Xu, Jiangchun
Dillon, Davin C.
Mitcham, Jennifer L.
Harlocker, Susan L.
Jiang, Yuqui
Henderson, Robert A.
Kalos, Michael D.
Fanger, Gary R.
Retter, Marc W.
Mitcham, Jennifer L.
Harlocker, Susan L.
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APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Hepler, William
TITLE OF INVENTION: COMPOSITI
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Vedvick, Thomas S
Carter, Darrick
Li, Samuel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-759-143-456
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495 GACACCATACCTTATGCGT1
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US-09-352-616A-316
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US-09-360-376-28
; Sequence 28, Application US/09360376
; Patent No. 6495739
; GENERAL INFORMATION:
; APPLICANT: Lassner, Michael
; APPLICANT: Ruezinsky, Diane
; TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
; FILE REFERENCE: 17026/01/US
; CURRENT APPLICATION NUMBER: US/09/360,376
; CURRENT FILING DATE: 1999-07-23
; PRIOR FILING DATE: 1998-07-24
; NUMBER: OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.0
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                                                                                                                                                                                                                                                                                                       1; Indels
FILE REFERENCE: 210121.42718C18

CURRENT APPLICATION NUMBER: US/09/651,236

CURRENT FILING DATE: 2000-08-29

NUMBER OF SEQ ID NOS: 865

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 456

LENGTH: 231
                                                                                                                                                                                                                                                            Query Match
14.4%; Score 225.4; DB 4
Best Local Similarity 99.6%; Pred. No. 4.4e-52;
Matches 226; Conservative 0; Mismatches 1
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NAME/KEY: misc_feature

LOCATION: (1)...(272)

OTHER INFORMATION: n = A, T, C,
US-09-360-376-28
                                                                                                                                                                                  TYPE: DNA
CORGANISM: Homo sapiens
US-09-651-236-456
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ORGANISM: Zea mays
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LENGTH: 272
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APPLICANT: Dillon, Bavin C.
APPLICANT: Harlocker, Susan Louise
APPLICANT: Jiang, Yuqui
APPLICANT: Jiang, Yuqui
APPLICANT: Xu, Jiangchun
APPLICANT: Mitcham, Jennifer Lynn
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
TITLE OF INVENTION: OF PROSTATE CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121.427C8
CURRENT APPLICATION NUMBER: US/09/352,616A
CURRENT FILING DATE: 1999-07-13
NUMBER OF SEQ ID NOS: 472
SOFTWARE: FastSEQ for Windows Version 3.0
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APPLICANT: Xu, Jiangchun

APPLICANT: Dillon, Davin C.

APPLICANT: Mitcham, Jennifer L.

APPLICANT: Harlocker, Susan Louise

APPLICANT: Harlocker, Susan Louise

APPLICANT: Reed, Steven G.

APPLICANT: Reads, Michael

APPLICANT: Retter, Mark

APPLICANT: Retter, Mark

APPLICANT: Cany

APPLICANT: Cany

APPLICANT: Cany

APPLICANT: Cany

APPLICANT: Day, Craig

TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER

TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER

FILE REFERENCE: 210121.427C9

CURRENT FILING DATE: 1999-11-12

NUMBER OF SEQ ID NOS: 575

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 316

LENGTH. 151
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US-09-439-313-316
; Sequence 316, Application US/09439313
; Patent No. 6329505
; GENERAL INFORMATION:
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Sequence 316, Application US/09232149A

Sequence 316, Application US/09232149A

Patent NO. 6465611

GENERAL INFORMATION:

APPLICANT: Xu, Jiangchun

APPLICANT: Mitcham, Jennifer Lynn

TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE

TITLE OF INVENTION: CANCER AND METHODS FOR THEIR USE

TITLE OF INVENTION: CANCER AND METHODS FOR THEIR USE

TITLE OF SEQ 10121.427C6

CURRENT APPLICATION NUMBER: US/09/232,149A

CURRENT FILING DATE: 1999-01-15

NUMBER OF SEQ 1D NOS: 338

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ 1D NO 316

LENGTH: 151
                                                                                                                               Length 151;
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100.0%; Pred. No. 1.1e-31;
tive 0; Mismatches 0;
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US-09-636-215-316
; Sequence 316, Application US/09636215
; Patent No. 6620922
; GENERAL INFORMATION:
; APPLICANT: Xu, Jiangchun
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Henderson, Robert A.
; APPLICANT: Henderson, Robert A.
; APPLICANT: Kalos, Michael D.
                                                                                                                             Query Match
Best Local Similarity 100.0
Matches 151, Conservative
                                         TYPE: DNA
ORGANISM: Homo sapien
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                                                                                   US-09-352-616A-316
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SEQ ID NO 316
LENGTH: 151
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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100.0%; Pred. No. 1.1e-31;
ative 0; Mismatches 0; Indels
                                       APPLICANT: Stolk, John A.
APPLICANT: Stolk, John A.
APPLICANT: Day, Craig H.
APPLICANT: Vedvick, Thomas S.
APPLICANT: Carter, Darrick
APPLICANT: Li, Samuel
APPLICANT: Kang, Aijun
APPLICANT: Rejler, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.42717C17
CURRENT APPLICATION NUMBER: US/09/636,215
CURRENT FILING DATE: 2000-08-10
NUMBER OF SEQ ID NOS: 852
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Best Local Similarity 100.
Matches 151; Conservative
Fanger, Gary R.
Retter, Marc W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
CORGANISM: Homo sapien
US-09-636-215-316
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November 11, 2005, 10:33:31; Search time 1366.09 Seconds (without alignments) 9461.850 Million cell updates/sec
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| cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/US10F_PUBCOMB.seq:*
| cgn2
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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                                                                                                                                                                       OM nucleic - nucleic search, using sw model
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Gapop 10.0 , Gapext 1.0
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Maximum DB seq length: 2000000000
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                                                                                                                                                                                                                                                                 Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Sequence 25877, A	Sequence 61, Appl	Sequence 347, App	Sequence 21, Appl	Sequence 57, Appl
& Query Score Match Length DB ID	US-10-357-930-25877	US-10-764-425-61	US-10-287-226-347	US-10-647-426-21	US-10-643-795A-57
DB	21	24	19	20	21
% Query Match Length DB	1703		1388	1043	1043
% Query Match	98.0	91.3	77.0	63.7	63.7
		1426.8	1204	995	995
Result No.	1	7	ო	4	S

6 995 63.7 1043 22 US-10-948-518-57 7 995 63.7 1043 22 US-10-956-157-1105 8 926 93.7 1043 22 US-10-956-157-1105 9 635 40.6 871 19 US-10-191-803-154 10 635 40.6 871 19 US-10-191-803-154 11 600 38.4 600 22 US-10-956-157-6340 12 482.8 30.9 1400 22 US-10-956-157-6323 14 482.8 30.9 26197 9 US-09-764-847-1965 14 482.8 30.9 26197 9 US-09-764-847-1965 15 482.8 30.9 26197 1 US-10-956-157-9818 16 482.8 30.9 26197 1 US-10-956-157-9818 17 482.8 30.9 26100 9 US-09-764-847-1965 18 482.8 30.9 26110 15 US-10-956-157-9818 18 30.2 1746 21 US-10-92-154-1965 19 471.8 30.2 1746 21 US-10-357-930-28622 24 471.8 30.2 1746 21 US-10-357-930-28622 24 471.8 30.2 1746 21 US-10-357-930-28622 25 471.8 30.2 1746 21 US-10-357-930-28622 26 390.6 25.0 436 19 US-10-357-930-28622 27 354.8 22.7 423 10 US-10-357-930-28622 28 36.6 18.1 295 18 US-10-68-783A-33407 31 277.4 17.7 460 19 US-10-085-783A-33206 25 25.0 26 18 US-10-68-783A-33206 25 25.0 26 18 US-10-68-783A-33206 25 25.0 26 18 US-10-363-485A-33206 27 27.4 17.7 460 19 US-10-363-485A-33206 28 25.0 15.1 959 21 US-10-363-485A-33206 29 23.6 15.1 959 21 US-10-363-485A-33206 21 23.6 15.1 959 21 US-10-363-485A-33206 23 23.6 15.1 959 21 US-10-363-485A-33206 23 23.6 15.1 959 22 US-10-363-485A-36052 23 23.6 15.1 959 22 US-10-363-483A-36052 23 23.6 15.1 950 22 US-10-363-343A-36052 23 23.6 15.1 950 22 US-10-363-343A-36052 23 23.6 15.1 0S-10-363-343A-36052 23 23.6 15.1 0S-10-363-343A-36052 23 23.6 15.1 0S-10-363-343A-36052 23 23.6 15.1 0S-10-36	57, 7 1105,	1795,	Sequence 2825, Sequence 9858, Sequence 4623,	1965, 1965, 1966,	equence 22828 equence 28828 equence 28683	39311 9132, 40353 40353	equence 243, equence 2824, equence 33407 equence 33407 equence 3562,	3562, 322, 25, 1117, 1101, 3320,	equence 33206 equence 33205 equence 33206 equence 36051 equence 36052	equence 36051 equence 36052 equence 12247
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ALIGNMENTS

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US-10-357-930-25877

Sequence 25877, Application US/10357930

Sequence 25877, Application US/10357930

Publication No. US20040259086A1

GENERAL INFORMATION:

APPLICANT: Schlegel. Robert

APPLICANT: Endege, Wilson

APPLICANT: Monahan, John

TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR

TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND THERAPY OF

TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND THERAPY OF

TITLE OF INVENTION: NOVEL GENES, CANCER

TITLE OF INVENTION: NUMBER: US/10/357,930

CURRENT APPLICATION NUMBER: 09/785,276

PRIOR FILING DATE: 2000-02-17

PRIOR FILING DATE: 2000-02-17

PRIOR FILING DATE: 2000-03-16

PRIOR FILING DATE: 2000-03-16

PRIOR FILING DATE: 2000-03-16

PRIOR PLICATION NUMBER: 60/207,454

PRIOR FILING DATE: 2000-03-16

PRIOR FILING DATE: 2000-05-25

PRIOR FILING DATE: 2000-06-09

PRIOR FILING DATE: 2000-07-18

PRIOR FILING DATE: 2000-07-18
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                                                                                            7, 1697, 1698, 1699, 1700, 1701, 1702
                                                                                                                                                    Length 1703;
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                                                                                                                                                   DB 21;
                                                                                                                                                  98.0%; Score 1532.2;
99.4%; Pred. No. 0;
iive 0; Mismatches
               4.0
NUMBER OF SEQ ID NOS: 62232
SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 25877
LENGTH: 1703
                                           TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: misc feature

LOCATION: 1, 2, 3, 4, 5, 6, 7, 1697,

LOCATION: 1703

OTHER INFORMATION: n = A,T,C or G
                                                                                                                                                              Best Local Similarity 99.4
Matches 1548; Conservative
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Sequence 61, Application US/10764425
; Sequence 61, Application US/10764425
; Publication No. US20040146921A1
; GENERAL INFORMATION:
; APPLICANT: Bayer Pharmaceuticals Corporation
; APPLICANT: Breleigh, Deepa
; APPLICANT: Taylor, Ian
; TITLE OF INVENTION: EXPRESSION PROFILES FOR COLON CANCER AND METHODS OF USE
; FILE REFERENCE: 5151
; CURRENT APPLICATION NUMBER: US/10/764,425
; FILE REFERENT APPLICATION NUMBER: 60/442,582
; PRIOR FILING DATE: 2003-01-24
; NUMBER OF SEQ ID NOS: 191
; SOFTWARE: PatentIn version 3.2
; SOFTWARE: PatentIn version 3.2
; SOFTWARE: PatentIn version 3.2
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989 TCGAGTTTCTGATTATAAACACCACTGGAGCGATGTGTTGACTGGACTCATTCAGGGAGC 1048
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                                 449 AGGAGTATTCTGTAATGATGAGTCCATCAAGTACCCTTACAAAGAAGAAGACCCATACCTTA
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                                         APPLICANT: Taupier, Jr., Raymond J.,
APPLICANT: Taupier, Jr., Raymond J.,
APPLICANT: Technet, Corine A.M.,
APPLICANT: Vernet, Corine A.M.,
APPLICANT: Zerhusen, Bryan D.,
APPLICANT: Zhong, Mei
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-480C
CURRENT APPLICATION NUMBER: US/10/211
PRIOR APPLICATION NUMBER: 60/334,421
PRIOR APPLICATION NUMBER: 60/364,392
PRIOR PELING DATE: 2002-02-04
PRIOR PELING DATE: 2002-02-04
PRIOR PPLING DATE: 2002-02-04
PRIOR PPLING DATE: 2002-03-13
PRIOR PLING DATE: 2002-03-13
PRIOR PLING DATE: 2002-03-13
PRIOR PLING DATE: 2002-03-03
PRIOR PELING DATE: 2002-03-03
PRIOR PELING DATE: 2002-03-03
PRIOR PILING DATE: 2002-03-03
PRIOR PELING DATE: 2001-11-30
PRIOR PILING DATE: 2001-11-30
PRIOR PILING DATE: 2001-11-30
PRIOR PILING DATE: 2001-11-20
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NUMBER OF SEQ ID NOS: 673
SOFTWARE: CuraSeqList version 0.1
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Pred. No. 7e-306;
0; Mismatches 10;
Shenoy, Suresh G.,
Spaderna, Steven K.,
Spytek, Kimberley A.
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Best Local Similarity 89.4%;
Matches 1372; Conservative
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; NAME/KEY: CDS
; LOCATION: (357)..(1019)
US-10-287-226-347
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LENGTH: 1388
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APPLICANT: GRETCHEN FRANTZ

APPLICANT: GRETCHEN FRANTZ

APPLICANT: RENDERT J. HILLAN

APPLICANT: RENDERT J. HILLAN

APPLICANT: AUREN POLASN

APPLICANT: AUREN POLASN

APPLICANT: AUREN POLASN

APPLICANT: VICTORIA SMITH

APPLICANT: SUSAN D. SPENCER

APPLICANT: SUSAN D. SPENCER

APPLICANT: THOMAS D. WU

APPLICANT: SUSAN D. SPENCER

APPLICANT: SUSAN D. SPENCER

APPLICANTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND

ITTLE OF INVENTION: COMPOSITIONS

CURRENT PELLING DATE: 2003-08-19

PRIOR APPLICATION NUMBER: US 60/405,645

PRIOR APPLICATION NUMBER: US 60/419,008

PRIOR APPLICATION NUMBER: US 60/419,008

PRIOR PILING DATE: 2002-10-15

PRIOR PILING DATE: 2002-10-15

PRIOR PILING DATE: 2002-11-15

PRIOR PILING DATE: 2003-11-16

PRIOR PILING DATE: 2003-11-16
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; Publication No. US20040241703A1
; GENERAL INFORMATION:
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; Sequence 21, Application US/10647426
; Publication No. US20040110197A1
; GENERAL INFORMATION:
; APPLICANT: Skinner, Michael K.
; APPLICANT: Skinner, Jodi L.
; TILLE OF INVENTION: A METHOD OF DETERMINING TUMOR CHARACTERISTICS BY
; TILLE OF INVENTION: LIPID-ASSOCIATED GENES
; TILLE OF INVENTION: LIPID-ASSOCIATED GENES
; FILE REFERENCE: PATRICK EAGLEMAN: EMBOL-X 252/124
; CURRENT APPLICATION NUMBER: US/10/647,426
; CURRENT PILING DATE: 2003-08-26
; PRIOR PILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 21
; LENGTH: 1043
1295 TAAACATGTATGTAATATGCTTTCTATGAATGATGTTTGATTTAAATATATACATATA 1354
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LOCATION: (1)..(1043)
OTHER INFORMATION: The sequence of the cDNA coding for Phosphatidic
OTHER INFORMATION: Acid Phosphatase type 2a
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                                                                 TYPE: DNA ORGANISM: Homo sapiens
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APPLICANT: ZEMIN ZHANG
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAG
TITLE OF INVENTION: TREATMENT OF TUMOR
FILE REFERENCE: P5026R1-US
CURRENT APPLICATION NUMBER: US/10/948,518
CURRENT APPLICATION NUMBER: US/10/643,795
PRIOR APPLICATION NUMBER: US/10/643,795
PRIOR FILING DATE: 2002-08-19
PRIOR FILING DATE: 2002-08-19
PRIOR FILING DATE: 2002-08-19
PRIOR FILING DATE: 2002-08-21
PRIOR FILING DATE: 2002-09-23
PRIOR FILING DATE: 2002-09-23
PRIOR FILING DATE: 2002-09-23
PRIOR FILING DATE: 2002-10-15
PRIOR FILING DATE: 2002-10-15
PRIOR FILING DATE: 2002-11-15
PRIOR FILING DATE: 2003-07-02
NUMBER OF SEQ ID NOS: 158
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Best Local Similarity 98.1%; Pred. No. 6.5e-251;
Matches 1023; Conservative 0; Mismatches 5;
                                                              1261 AGAGGATGCATCTTTCTTCCTGG 1283
                                                                                                                                                Sequence 57, Application US/10948518 Publication No. US20050064492A1 GENERAL INFORMATION:
                                                                                                                                                                                         APPLICANT: FREDERIC J. DESAUVAGE
APPLICANT: GRETCHEN FRANTZ
APPLICANT: KENNETH J. HILLAN
APPLICANT: PAUL POLAKIS
APPLICANT: ANDREW POLSON
APPLICANT: VICTORIA SMITH
APPLICANT: SUSAN D. SPENCER
APPLICANT: THOMAS D. WU
APPLICANT: ZEMIN ZHANG
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ORGANISM: Homo sapien
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                                                           63.7%; Score 995; DB 21; Length 1043; larity 98.1%; Pred. No. 6.5e-251; Conservative 0; Mismatches 5; Indels 15
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                                                         Query Match
Best Local Similarity
Matches 1023; Conserv
 ; TYPE: DNA
; ORGANISM: Homo
US-10-643-795A-57
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Similarity 98.1%; Pred. No. 6.5e-251; 23; Conservative 0; Mismatches 5; Indels 15; Gaps 6 CCCGGCCCGGGCTCGATAATCAAGGCCTCGGCCGTCGTCCGCACCTCATTCCATGGC 31	61 CTTGCCGGCAGCCCGGCAGAGACCATGTTTGACAAGACGGCTGCCGTACGTGCCC 1 376 TCGATGTGCTCTGCGTGTTGCTGGATTGCCTTTTGCAATTC 4	Qy 421 TTACTTCAAGGCATACCCCCTTCCAACGAGGAGTATTCTGTAATGATGACTCCATCAAGT 480 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	-() ()()	Oy 601 ATTCTTTATCAGGAATAACTACATAGCCACTATTTACAAAGCCATTGGAACCTTTTAT 660	Qy 661 TTGGTGCAGCTGCTAGTCCAGTCCCTGACTGACATTGCCAAGTATTCAATAGGCAGACTGC 720	Qy 721 GGCCTCACTTCTTGGATGTTTGTGATCCAGATTGGTCAAAAATCAACTGCAGCGATGGTT 780 	QY 781 ACATTGAATACTACATATGTCGAGGAATGCAGAAGGGTTGATGCT 840	Qy 841 TCTATTCAGGCCACTCTTCGTTTTCCATGTACTGCATGTTGTGGCACTTTATCTTC 900	Qy 901 AAGCCAGGATGAAGGAGACTGGGCAAGACTCTTACGCCCCCACACTGCAATTTGGTCTTG 960	Qy 961 TTGCCGTATCCATTTATGTGGGCCTTTCTCGAGTTTCTGATTATAAACACCACTGGAGCG 1020	Qy 1021 ATGTGTTGACTGGACTCATTCAGGGAGCTCTGCTTGCATATTAGTTGCTGTATGTA	Qy 1081 CGGATTTCTTCAAAGAACTTCTTTTAAAGAAAGAAAGAGGAGGACTCTCATACAA 1140 	Qy 1141 CTCTGCATGAAACACCAACAACTGGGAATCACTATCCGAGCAATCACCTGGCCTTGAAAGG 1200 	Qy 1201 CAGCAGGGTGCCCAGGTGAAGCTGGCCTGTTTTCTAAAGGAAAATGCTTGCCACAAGGCA 1260 Db 961 CAGCAGGGTGCCCAGGTGAAGCTGGCCTGTTTTCTAAAGGAAAATGATTGCCACAAGGCA 1020	Qy 1261 AGAGGATGCATCTTTCTTCTTGG 1283
			901		Oy 1021 ATGTGTTGACTCGACTCATTCAGGGAGCTCTGGTTGCAATATTAGTTGCTGTATATGTAT 1080	Oy 1081 CGGATTTCTTCAAGAAGAACTTCTTTTAAAGAAAAGAGAGGAGGACTCTCATACAA 1140 	Qy 1141 CTCTGCATGAAACAACAACAACTGGGAATCACTATCCGAGCAATCACCAGCCTTGAAAGG 1200 	Qy 1201 CAGCAGGGTGCCCAGGTGAAGCTGGCCTGTTTTCTAAAGGAAAATGATTGCCACAAGGA 1260	Qy 1261 AGAGGATGCATCTTCTTCCTGG 1283 Db 1021 AGAGGATGCATCTTCTTCCTGG 1043	RESULT 7 US-10-956-157-1105 : Sequence 1105, Application US/10956157		; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH ; TITLE OF INVENTION: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES ; FILE REFERENCE: 031896-043000 (AM 101081) ; CHRENT APPLICATION NIMBED : 18/10/66 167	CURRENT FILING DATE: 2004-10-04; NUMBER OF SEQ ID NOS: 319805; SOFTWARE: Patentin version 3.2; SEO ID NO 1105	; LENGTH: 1043 ; TYPE: DNA ; ORGANISM: Homo sapiens	Query Match 63.7%; Score 995; DB 22; Length 1043;

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1021 AGAGGATGCATCTTTCTTCCTGG 1043

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USBUIT 8
SEQUENCE 345
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               516 TTAGGTGGAATAATCATTCCATTCAGTATTATCGTTATTATTCTTGGAGAAACCCTGTCT
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                                                                                                                                                                                                                                                                    Length 1096;
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                                                                                                                                                                                                                                                                 59.2%; Score 926; DB 19;
87.4%; Pred. No. 9.9e-233;
ative 0; Mismatches 5;
                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 87.45
Matches 1091; Conservative
                                                                                             ; FEATURE:
; NAME/KEY: CDS
; LOCATION: (344)..(1006)
US-10-287-226-345
                           TYPE: DNA
ORGANISM: Homo sapiens
LENGTH: 1096
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                                                                                                           TTGCCAAGTATTCAATAGGCAGACTGCGGCCTCACTTCTTGGATGTTTGTGATCCAGATT 753
                                                                                                                                                                                                                                                                     GGTCAAAAATCAACTGCAGCGATGGTTACATTGAATACTACATATGTCGAGGGAATGCAG 813
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                                                                                   CTGTTTACTGTAACCTTTTGCACTCAAATTCCTTTATCAGGAATAACTACATAGCCACTA
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US-10-152-319A-1795

; Sequence 1795, Application US/10152319A
; Publication No. US20040072160A1
; GENERAL INFORMATION:
; APPLICANT: Mendrick, Donna
; APPLICANT: Higgs, Brandon
; APPLICANT: Johnson, Kory
; APPLICANT: Gastle, Arthur
; APPLICANT: Elashoff, Michael
; TITLE OF INVENTION: Molecular Toxicology Modeling
; FILE REFERENCE: 44921-5089-US
; CURRENT APPLICATION NUMBER: US/10/152,319A
; CURRENT FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: US 60/292,335
; PRIOR FILING DATE: 2001-06-13
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APPLICANT: MENDRICK, Donna
APPLICANT: MENDRICK, Mark
APPLICANT: JOHNSON, Mark
APPLICANT: JOHNSON, Mark
APPLICANT: HIGGS, Brandon
APPLICANT: ELASHOFF, Michael
TITLE OF INVENTION: Cardiotexin Molecular Texicology Modeling
FILE REFERENCE: 44921-5090US
CURRENT APPLICATION NUMBER: US/10/191,803
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: US 60/303,819
PRIOR FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: US 60/305,623
PRIOR FILING DATE: 2002-04-03
PRIOR FILING DATE: 2002-04-03
PRIOR FILING DATE: 2002-04-03
PRIOR FILING DATE: 2002-05-06
NUMBER OF SEQ ID NOS: 1140
SOFTWARE: PATENTIN Ver: 2.1
SEQ ID NO 154
LENGTH: 871
TYDED. NAA
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; Publication No. US20040014040A1
; GENERAL INFORMATION:
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Best Local Similarity 84.9%; Pred. No. 3.7e-156;
Matches 736; Conservative 0; Mismatches 125;
PRIOR FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: US 60/303,808
PRIOR FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: US 60/315,047
PRIOR PILING DATE: 2001-08-28
PRIOR FILING DATE: 2001-08-28
PRIOR FILING DATE: 2001-09-27
PRIOR FILING DATE: 2001-11-01
PRIOR PILING DATE: 2001-11-01
PRIOR PLIING DATE: 2001-11-01
PRIOR PLIING DATE: 2001-11-01
PRIOR PLIING DATE: 2001-11-02
PRIOR PRIOR APPLICATION NUMBER: US 60/330,462
PRIOR FILING DATE: 2001-10-22
PRIOR PRIOR PRIOR APPLICATION NUMBER: US 60/330,462
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                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Rattus norvegicus
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Sequence 6340, Application US/10956157
; Sequence 6340, Application US/10956157
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
; FILE REFERENCE: 031896-043000 (AM 101081)
; CURRENT APPLICATION NUMBER: US/10/956,157
; CURRENT FILING DATE: 2004-10-04
; NUMBER OF SEQ ID NOS: 319805
; SOFTWARE: Patentin version 3.2
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725 TGGCAATATTAGTGGTTTTGTATGTAACTGATTTCTTCAAGACCACAGAGTCTAACAAAG
                                                                                                       AAAGAAAAGAGGAGGACTCTCATACAACTCTGCATGAAACACCAACAACTGGGGAATCACT
                                                                                                                                                      785 AAAGAAA---GAGGACTCACATACGACTCTACAAGAA---CCACCAACAGAGAGCT
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11 Similarity 100.0%; Pred. No. 4.8e-147;
600; Conservative 0; Mismatches 0;
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US-10-956-157-6340
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US-10-956-157-6340
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LENGTH: 600
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                                                                                      Sequence 2825, Application US/10696639

Sequence 2825, Application US/10696639

Publication No. US20050037439A1

GENERAL INFORMATION:

APPLICANT: Pharmacia Corporation

APPLICANT: Bourner, Maureen J.

TITLE OF INVENTION: DIFBRENTIALLY EXPRESSED GENES INVOLVED IN CANCER, THE

TITLE OF INVENTION: DOLYPEPTIDES ENCODED THEREBY, AND METHODS OF USING THE SAME

TITLE OF INVENTION: DOLYPEPTIDES ENCODED THEREBY, AND METHODS OF USING THE SAME

FILE REFERENCE: 01040/1

CURRENT FILING DATE: 2003-10-29

PRIOR APPLICATION NUMBER: 60/422,176

PRIOR FILING DATE: 2002-10-29

NUMBER OF SEQ ID NOS: 3114

SOFTWARE: PatentIn version 3.1

SEQ ID NO 2825

LENGTH: 486
 1005
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                 486 TGCAATTTGGTCTTGTTGCCGTATCCATTTATGTGGGCCTTTCTCGAGTTTCTGATTATA 427
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Pred. No. 2.2e-116;
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Best Local Similarity 99.6%;
Matches 484; Conservative 0
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NAME/KEY: misc feature

LOCATION: (240)..(240)

OTHER INFORMATION: n=unknown
US-10-696-639-2825
                                                                                                                                                                                                                                                                                                                               ORGANISM: homo sapiens
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NESOLITIONS

Sequence 9858, Application US/10956157

Sequence 9858, Application US/10956157

Publication No. US20050118625A1

GENERAL INFORMATION:

APPLICANT: Wyeth

APPLICANT: Mounts, William

TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WIT

TITLE OF INVENTION: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES

FILE REFERENCE: 031896-043000 (Am 101081)

CURRENT APPLICATION NUMBER: US/10/956,157

CURRENT FILING DATE: 2004-10-04

NUMBER OF SEQ ID NOS: 319805

SOFTWARE: Patentin version 3.2

SEQ ID NO 9858

LENGTH: 1400
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Best Local Similarity 89.3
Matches 520; Conservative
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; ORGANISM: Homo sapiens
US-10-956-157-9858
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US-10-956-157-4623/c
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Patent No. US20020132767A1

GENERAL INFORMATION:

APPLICANT: Rosen et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies

FILE REFERENCE: PC009

CURRENT APPLICATION NUMBER: US/09/764,847

CURRENT FILING DATE: 2001-01-17

Prior application data removed - consult PALM or file wrapper

NUMBER OF SEQ ID NOS: 2003

SOFTWARE: PatentIN Ver. 2.0

SEQ ID NO 1965

LENGTH: 26197

TYPE: DNA
                                                                                                                                                                                      Length 3947;
                                                                                                                                                                                                                   .;
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TITLE OF INVENTION: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES FILE REFERENCE: 031896-043000 (AM 101081)
CURRENT APPLICATION NUMBER: US/10/956,157
CURRENT FILING DATE: 2004-10-04
NUMBER OF SEQ ID NOS: 319805
SOFTWARE: Patentin version 3.2
SEQ ID NO 4623
LENGTH: 3947
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Pred. No. 1.1e-115;
0; Mismatches 62;
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89.3%;
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Best Local Similarity 89.3
Matches 520; Conservative
                                                                                                                                       ; ORGANISM: Homo sapiens
US-10-956-157-4623
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US-09-764-847-1965
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                                           30.9%; Score 482.8; DB 9;
89.3%; Pred. No. 3.4e-115;
iive 0; Mismatches 62;
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                                           Query Match
Best Local Similarity 89.3
Matches 520; Conservative
; ORGANISM: Homo
US-09-764-847-1965
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Matches 1304; Conservative
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                                                                             November 11, 2005, 06:34:39; Search time 271.717 Seconds (without alignments) 9430.425 Million cell updates/sec
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                                                                                                                                  Description
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/cgn2_6/ptodata/1/ina/6A_COMB.seq:*
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/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-566-921-117
US-09-439-313-456
US-09-636-215-456
US-09-636-215-456
US-09-639-113-456
US-09-639-113-456
US-09-639-113-456
US-09-639-113-456
US-09-639-113-416
US-09-638-116A-316
US-09-638-16A-316
US-09-651-236-316
US-09-651-236-316
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 2000000000
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ALIGNMENTS

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COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/992,035A
FILING DATE: December 17, 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 36,749
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
FILEPHONE: 650-845-4166
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1315 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
US-08-992-035A-2
; Sequence 2, Application US/08992035A
; Patent No. 6242179
; GENERAL INFORMATION:
; APPLICANT: Shah, Purvi
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Lal, Preeti
; TITLE OF INVENTION: HUMAN PHOSPHATASES
; NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Dr.
CITY: Palo Alto
STATE: CA
COUNTRY: USA
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LIBRARY: BLADNOTO6
CLONE: 1719418
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Indels

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Score 1298.6; Pred. No. 0; 0; Mismatches

82.9%; 99.3%;

DB 3; Length 1315;

GGATGCACACTTTGTGTGTACATAGTTACCTTTAACTCAGTGGTTATCTAATAGCTCTAA 1387	lication 1001: 1001: 1100	STREET: 3174 FORTER DRIVE CITY: PALO ALTO STATE: CALIFORNIA COUNTRY: USA ZIP: 94304 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2 APPLICATION NUMBER: US/09/016.434	REWITH DATA: BER: ORMATION: aren J. BER: 37,071 BER: 77,071 BER: 98-0002 INFORMATION:) 855-0555 845-4166 ID NO: 322:	1. 266 base pairs nucleic acid EDNESS: single GY: linear E SOURCE: Y: PROSNOT18 1859317	16.9%; Score 265; DB 4; Length 266; Similarity 99.6%; Pred. No. 1.5e-63; 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0; GGCCACTCTTCGTTTTCCATGTACTGCATGTTTGTGGCACTTTATCTTCAAGCCAGG 911
307 Oy 1328 62 Oy 1388 367 Db 1083 122 Oy 1448 427 Db 1203 182 Oy 1508 487 Db 1263	RESULT 2	727 482 787 542 602	907 662 967 722 1027 782 1087	1147 ; LENGTH: 1147 ; TYPE: 902 ; STRANDE 7 TOPOLOC 1 IMMEDIATE 1 LIBRARY 962 (LONE:	1267 Query Match 1022 Matches 265 1327 Qy 852 1082 Db 1
248 TCGCCAGCCCGGCCCGGCTCGATAATCAAGGCCCTCGGCCGTCCTCCCCCCCTCATT		668 TGCAGCTGCTAGTCCCTGACTGCCAGTATTCAATAGGCAGACTGCGGCC	### ##################################		1208 AGGGGCCCAGGTGAAGCTGGCTTTTCTAAAGGAAAATGATTGCCACAAGGCAAGAGGCAAGAGGCAAGAGGCAAGAGGCAAGAGGCAAGAGGCAAGAGGCAAGAGGCAAGAGGCAAGAGGAAATGATTGCCACAGGCAAGAGGCAAGAGGAAATGATTGCCACAGGCAAGAGGCAAGAGGCAAGAGGCAAGAGGCAAGAGGCAAGAGGCAAGAGCATCTTCTTCTTCCTGGTGTACAAGCCTTTAAAGACTTCTGCTGCTGATATGCCTCTTGCTGCTGTTTCTTCTTCTTCTTGCTGGTGTACAAGCCTTTAAAAGACTTCTGCTGCTGCTATGCCTCTTTCTT
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Db 497 GCTCGGTTATGTGCAGGAAGGTGTGCAGGGAAACCTGCTGATGTGCGGG 556 Oy 832 GCAGGTTGTCTTTATTCAGGCCATTTTCCATGTACTGCATGTTTTTGG 891 Db 557 CCAGGTTGTCTTTCTATTCAGGCCATTTTCCATGTACTGCATGTTTTTGG 816 Oy 892 CACTTTATCTTCAGCCGGACACTCTTCGTTTTCCATGTTTTTGG 616 Oy 892 CACTTTATCTTCAGCCGGACACTCTTTGGGATGTACTGCATGTTTTTGG 616 Oy 892 CACTTTATCTTCAGCCGGACACTCTTTTTTTAGGATGTTTTTTTT	APPLICANT: Xu, Jiangchun APPLICANT: Dillon, Davin C. APPLICANT: Mitcham, Jennifer L. APPLICANT: Harlocker, Susan Louise APPLICANT: Harlocker, Susan Louise APPLICANT: Reed, Steven G. APPLICANT: Read, Michael APPLICANT: Ranger, Gary APPLICANT: Retter, Mark APPLICANT: AppLICANT	; TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER ; TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER ; FILE REFERENCE: 210121.427C9 ; CURRENT APPLICATION NUMBER: US/09/439,313 ; CURRENT FILING DATE: 1999-11-12 ; NUMBER OF SEQ ID NOS: 575 ; SOFTWARE: FastSEQ for Windows Version 3.0 ; SEQ ID NO 456 ; LENGTH: 231 ; TYPE: DNA ; ORGANISM: Homo sapiens US-09-439-313-456	Query Match 9.7%; Score 151.8; DB 3; Length 231; Best Local Similarity 79.3%; Pred. No. 4.2e-32; 0; Gaps 0; Matches 180; Conservative 0; Mismatches 47; Indels 0; Gaps 0; Qy 479 CAACTATCCGTACCAGACCACTACCGCATCCTCACTCGTACTTACT
0y 912 ATGAAGGGAAGACTGGGCAAGACTCTTACGCCCCACACTGCAATTTGGTCTTGTCGCTA 10 61 ATGAAGGGAACTTGGGCAAGATTTGGCTCTTGTTGCCTA 20 972 TCCATTATGTGGGACTTTCTGGATTATAAACACCACTGGAGCATGTTG 10 972 TCCATTATGTGGGCCTTTCTCGAGTTTCTGATTATAAACACCACTGGAGCGATGTTG 10 10 10 10 10 10 10 10 10 10 10 24 <	; TYPE: DNA; Homo sapiens; ORGANISM: Homo sapiens; ORGANISM: Homo sapiens; FEATURE: ; FEATURE: ; NAME/KEY: misc_feature ; OTHER INFORMATION: Incyte ID No. 6682888 202234.2 US-09-566-921-117 Query Match Query Match Best Local Similarity 56.6%; Pred. No. 1.5e-49; Matches 442; Conservative 0; Mismatches 333; Indels 6; Gaps 2;	352 AGACGCGGCTGCCGTACCTGGCTCTGCGTGTTGCTGGCTTCCATGCCTA	OY 532 GGGTTGCCTTTCCTCTATTATTCTTGAGAAACCCTGTTTACTGTAACC 591

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FILE REFERENCE: 210121.42717C17
CURRENT APPLICATION NUMBER: US/09/636,215
CURRENT FILING DATE: 2000-08-10
NUMBER OF SEQ ID NOS: 852
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 456
LENGTH: 231
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; Patent No. 6630305
; GENERAL INFORMATION:
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Henderson, Robert A.
Kalos, Michael D.
Fanger, Gary R.
Retter, Marc W.
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APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
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Vedvick, Thomas S.
Carter, Darrick
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Best Local Similarity 79.3
Matches 180; Conservative
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                                                                                                                            TYPE: DNA
CORGANISM: Homo sapiens
US-09-636-215-456
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US-09-352-616A-456

i Sequence 456, Application US/09352616A

j Patent No. 6395278

j GENERAL INFORMATION:
    APPLICANT: Dillon, Davin C.
    APPLICANT: Diang, Yuqui
    APPLICANT: Au, Jiangchun
    APPLICANT: Mitcham, Jennifer Lynn
    TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
    TITLE OF INVENTION: OF PROSTATE CANCER AND METHODS FOR THEIR USE
    FILE REFERENCE: 210121.427C8
    CURRENT FILING DATE: 1999-07-13
    NUMBER OF SEQ ID NOS: 472
    SOFTWARE: FastSEQ for Windows Version 3.0
    SOFTWARE: FastSEQ for Windows Version 3.0
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
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Patent No. 6620922
GENERAL INFORMATION:
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Henderson, Robert A.
Kalos, Michael D.
Fanger, Gary R.
Retter, Marc W.
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Dillon, Davin C.
Mitcham, Jennifer L.
Harlocker, Susan L.
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Skeiky, Yasir A.W.
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Vedvick, Thomas S.
Carter, Darrick
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Best Local Similarity 79.3
Matches 180; Conservative
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ORGANISM: Homo sapiens
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LENGTH: 231
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APPLICANT:
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9.7%; Score 151.8; DB 4; Length 231; 79.3%; Pred. No. 4.2e-32; Live 0; Mismatches 47; Indels 0
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APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Skeiky, Yasir A.W.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.427C21
CURRENT APPLICATION NUMBER: US/09/685,166A
CURRENT FILING DATE: 2000-10-10
NUMBER OF SEQ ID NOS: 898
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 456
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5 CAGGTACCCTTACAAAGAAGACACCATACCTTATGCGTTATTAGGTGGAATAATCATTCC 64
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                                  539 CITGCCCGITICCICIAIIAIICIIGGAGAAACCCIGICIGIIIACIGIAACCII
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APPLICANT: Hepler, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.427C20
CURRENT APPLICATION NUMBER: US/09/679,426
CURRENT FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 895
SOFTWARE: FastSEQ for Windows Version 3.0
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Dillon, Davin C.
Mitcham, Jennifer L.
Harlocker, Susan L.
Jiang, Yuqui
Henderson, Robert A.
Kalos, Michael D.
Fanger, Gary R.
Retter, Marc W.
Stolk, John A.
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Vedvick, Thomas S.
Carter, Darrick
Li, Samuel
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Skeiky, Yasir A.W.
Hepler, William
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Best Local Similarity 79.3
Matches 180; Conservative
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; ORGANISM: Homo sapiens
US-09-679-426-456
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Patent No. 6759515

GENERAL INFORMATION:

APPLICANT: Xu, Jiang

APPLICANT: Dillon, I

APPLICANT: Mitcham,

APPLICANT: Harlocker

APPLICANT: Jiang, Yu
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APPLICANT:
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RESULT 9 US-09-759-143-456

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479 CAACTATCCGTACCATGACAGTACCGCCGCATCCACTGTCCTCATCCTAGTGGGGGTTGG 538
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APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Hepler, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.427C23
CURRENT APPLICATION NUMBER: US/09/759,143
CURRENT FILING DATE: 2001-01-12
NUMBER OF SEQ ID NOS: 934
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79.3%; Pred. No. 4.2e-32;
tive 0; Mismatches 47
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Application US/09759143
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; Sequence 456, Application US/09651236
; Patent No. 6818751
                                                                                                                     Harlocker, Susan L.
Jiang, Yuqui
Henderson, Robert A.
Kalos, Michael D.
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Jiang, Yuqui
Henderson, Robert A.
Kalos, Michael D.
Fanger, Gary R.
Retter, Marc W.
Stolk, John A.
                                      NFORMATION:
T: Xu, Jiangchun
T: Dillon, Davin C.
T: Mitcham, Jennifer L.
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Dillon, Davin C.
Mitcham, Jennifer L.
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Vedvick, Thomas S.
Carter, Darrick
Li, Samuel
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Retter, Marc W.
Stolk, John A.
Day, Craig H.
Vedvick, Thomas S
Carter, Darrick
Li, Samuel
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Best Local Similarity 79.3
Matches 180; Conservative
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LENGTH: 231
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                                                                            APPLICANT:
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
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SEQ ID NO 316
LENGTH: 151
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APPLICANT: Wang, Aijun
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Hepler, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER FILE REFERENCE: 210121.42718C18
CURRENT APPLICATION NUMBER: US/09/651,236
CURRENT FILING DATE: 2000-08-29
NUMBER OF SEQ ID NOS: 865
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 456
LENGTH: 231
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GENERAL INFORMATION:

APPLICANT: Xu, Jiangchun
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Harlocker, Susan Louise
APPLICANT: Harlocker, Susan Louise
APPLICANT: Reed, Steven G.
APPLICANT: Reads, Michael
APPLICANT: Renger, Gary
APPLICANT: Retter, Mark
APPLICANT: Retter, Mark
APPLICANT: Retter, Mark
APPLICANT: Bay, Craig
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.427C9
CURRENT APPLICATION NUMBER: US/09/439,313
CURRENT FILING DATE: 1999-11-12
NUMBER OF SEQ ID NOS: 575
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 316
LENGTH: 151
TYPE: DNA
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 11
US-09-439-313-316
; Sequence 316, Application US/09439313
; Patent No. 6329505
                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Homo sapiens
US-09-651-236-456
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US-09-439-313-316
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; PATENT NO. 6465611;
; GENERAL INFORMATION:
; APPLICANT: Xu, Jiangchun; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer Lynn; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE; TITLE OF INVENTION: CANCER AND METHODS FOR THEIR USE; FILE REFERENCE: 210121.427C6; CURRENT APPLICATION NUMBER: US/09/232,149A; CURRENT FILING DATE: 1999-01-15; NUMBER OF SEQ ID NOS: 338; COFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Dillon, Davin C.
APPLICANT: Harlocker, Susan Louise
APPLICANT: Harlocker, Susan Louise
APPLICANT: Jiang, Yuqui
APPLICANT: Xu, Jiangchun
APPLICANT: Xu, Jiangchun
APPLICANT: Mitcham, Jennifer Lynn
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
TITLE OF INVENTION: OF PROSTATE CANCER AND METHODS FOR THEIR U
FILE REFERENCE: 210121.427C8
CURRENT *APPLICATION NUMBER: US/09/352,616A
CURRENT FILING DATE: 1999-07-13
NUMBER OF SEO ID NOS: 472
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100.0%; Pred. No. 5.4e-32;
:ive 0; Mismatches 0;
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Patent No. 6395278
GENERAL INFORMATION:
APPLICANT: Dillon, Davin C.
980 IGIGGGCCTIICICGAGITI
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Best Local Similarity 100.
Matches 151; Conservative
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US-09-232-149A-316
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SOFTWARE: FastSEQ for
SEQ ID NO 316
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US-09-352-616A-316
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APPLICANT: Mitcham, Jennifer L.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Jiang, Yuqui
APPLICANT: Jiang, Yuqui
APPLICANT: Henderson, Robert A.
APPLICANT: Henderson, Robert A.
APPLICANT: Kalos, Michael D.
APPLICANT: Retter, Marc W.
APPLICANT: Stolk, John A.
APPLICANT: Stolk, John A.
APPLICANT: Cartig H.
APPLICANT: Ovedvick, Thomas S.
APPLICANT: Carter, Darrick
APPLICANT: Carter, Darrick
APPLICANT: Milliam
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: COMPOSITIONS OF PROSTATE CANCER
FILE REFERENCE: 210121.42717C17
CURRENT APPLICATION NUMBER: 105/09/636,215
CURRENT FILING DATE: 2000-08-10
NUMBER OF SEQ ID NOS: 852
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 316
LENGTH: 151
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   0; Indels
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 Mismatches
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Patent No. 6620922;
GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
APPLICANT: Dillon, Davin C.
APPLICANT: Harlocker, Susan L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Henderson, Robert A.
APPLICANT: Fanger, Gary R.
APPLICANT: Retter, Marc W.
APPLICANT: Stolk, John A.
APPLICANT: Stolk, John A.
APPLICANT: Odvick, Thomas S.
APPLICANT: Vedvick, Thomas S.
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Matches 151; Conservative
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CORGANISM: Homo sapien
US-09-636-215-316
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APPLICANT: Xu, Jiangchun

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980 TGTGGGCCTTTCTCGAGTTTCTGATTATAAACACCACTGGAGCGATGTGTTGACTGGACT 1039
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APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Hepler, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.427C21
CURRENT APPLICATION NUMBER: US/09/685,166A
CURRENT FILING DATE: 2000-10-10
NUMBER OF SEQ ID NOS: 898
SOFTWARE: PABELSEQ for Windows Version 3.0
SEQ ID NO 316
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     9.6%; Score 151; DB 4; Length 151;
100.0%; Pred. No. 5.4e-32;
iive 0; Mismatches 0; Indel8
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                                               Jiang, Yuqui
Henderson, Robert A.
Kalos, Michael D.
Fanger, Gary R.
Retter, Marc W.
Stolk, John A.
Day, Craig H.
Vedvick, Thomas S.
Carter, Darrick
Mitcham, Jennifer L.
Harlocker, Susan L.
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Matches 151, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: DNA
; ORGANISM: Homo sapien
US-09-685-166A-316
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979

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November 11, 2005, 10:33:31 , Search time 1368.71 Seconds (without alignments) 9461.850 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                      Published Applications NA:*

| cgn2_6/ptodata/2/pubpna/USO7_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/USO6_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO6_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/USO6_PUBCOMB.seq:*
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| cgn2_6/ptodata/2/pubpna/USOB_PUBCOMB.seq:*
GenCore version 5.1.6
(c) 1993 - 2005 Compugen Ltd.
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Maximum Match 1008
Listing first 45 summaries
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Gapop 10.0 , Gapext 1.0
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Maximum DB seq length: 200000000
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Perfect score:
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Description	Sequence 61, Appl Sequence 25877, A Sequence 347, App Sequence 345, App Sequence 21, Appl
QI	8 2 2 2 2 2
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% Query Match	100.0 89.1 76.6 58.8 56.0
Score	1566 1199.4 921.4 876.2
Result No.	ተሪጣቀው

Sequence 57, Appl Sequence 57, Appl Sequence 1105, Ap Sequence 6340, Ap Sequence 154, App Sequence 1795, Ap	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	equence 2828, equence 28502, equence 28683, equence 2824, A equence 39311, equence 9132, A	equence 4035 equence 2340 equence 3340 equence 3562 equence 3562 equence 3220 equence 3320	3205 3206 3206 6051 7721 5, A
-10-643-795A-57 -10-948-518-57 -10-956-157-110 -10-956-157-634 -10-191-803-154 -10-152-319A-17	10-956-157-9858 10-956-157-9858 10-956-157-4623 9-764-847-1965 9-764-847-1966 10-092-154-1966	10-357-930-2 10-357-930-2 10-357-930-2 10-696-639-2 10-357-930-3 10-357-930-3	-085-783A-4035 -930-213-243 -030-213-243 -085-783A-3340 -242-535A-3562 -085-783A-3562 -305-720-322 -363-345A-3320	-10-363-483A-33 -10-363-483A-33 -10-363-345A-36 -10-363-483A-36 -10-363-483A-36 -10-242-535A-47 -10-085-783A-47
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ALIGNMENTS

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Sequence 61, Application US/10764425

Sequence 61, Application US/20040146921A1

Sequence 61, Application No. US20040146921A1

GENERAL INFORMATION:

APPLICANT: Bayer Pharmaceuticals Corporation

APPLICANT: Bigwood, Douglas

APPLICANT: Taylor, Ian

TITLE OF INVENTION: EXPRESSION PROFILES FOR COLON CANCER AND METHODS OF USE

FILE REFERENCE: 5151

CURRENT APPLICATION NUMBER: US/10/764,425

CURRENT FILING DATE: 2004-01-23

PRIOR FILING DATE: 2003-01-24

NUMBER OF SEQ ID NOS: 191

SOFTWARE: Patentin version 3.2

LENGTH: 1566

LENGTH: 1566
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 24; Length 1566;
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Best Local Similarity 100.0%; Pred. No. 0;
Matches 1566; Conservative 0; Mismatches
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; ORGANISM: Homo sapiens
US-10-764-425-61
US-10-764-425-61
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1 CCTGTGGGAGAGAGCGCCGGGATCCGGACGGGGTAGCAACCGGGGCAGGCCGTGCCGGCT 60

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TIGITGCCGTATCCATTTATGTGGGCCTTTCTCGAGTTTCTGATTATAAACACCACTGGA 1124
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 347, Application US/10287226; Sequence 347, Application US/10287226; Publication No. US20040086875A1; GENERAL INFORMATION:
APPLICANT: Agee, Michele L., APPLICANT: Berghs, Constance, APPLICANT: Boldog, Ference, APPLICANT: Chant, John S., APPLICANT: Chant, John S., APPLICANT: Chaudhuri, Amitabha, APPLICANT: Chaudhuri, Amitabha, APPLICANT: Eisen, Andrew, APPLICANT: Eisen, Andrew, APPLICANT: Gangolli, Esha A., APPLICANT: Garlach, Valerie, APPLICANT: Gerlach, Valerie, APPLICANT: Grand, Linda, APPLICANT: Gerlach, Valerie, APPLICANT: Gerlach, Valerie, APPLICANT: Khranton, Nalerie, Nalerie, APPLICANT: Khranton, Nalerie, Naler
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Rastelli, Luca,
Rieger, Daniel K.,
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                                                         Length 1703;
                                                                                           Indels
                                                     Score 1396; DB 21;
Pred. No. 0;
0; Mismatches 85;
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0
                                                  Query Match
Best Local Similarity 94.3%;
Matches 1471; Conservative
; OTHER INFORMATION: n
US-10-357-930-25877
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APPLICANT: Rothenberg, Mark E.,
APPLICANT: Shenoy, Suresh G.,
APPLICANT: Spaderia, Steven K.,
APPLICANT: Spaderia, Steven K.,
APPLICANT: Taupier, Jr., Raymond J.,
APPLICANT: Taupier, Jr., Raymond J.,
APPLICANT: Taupier, Jr., Raymond J.,
APPLICANT: Zerhusen, Bryan D.,
APPLICANT: Zerhusen, Zerhusen, D.,
APPLICANT: Zerhusen, Zerbusen, Z
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          - See File Wrapper or PALM
                                                                                                                                                                                                                                                                                                                                 Length 1096;
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                                                                                                                                                                                                                                                                                                                                    DB 19;
                                                                                                                                                                                                                                                                                                                                 Score 921.4; DB 19;
Pred. No. 9.2e-233;
0; Mismatches 6;
      Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 673
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 345
LENGTH: 1096
                                                                                                                                                                                                                                                                                                                                 Query Match 58.8%;
Best Local Similarity 87.1%;
Matches 1090; Conservative
                                                                                                                                                                                                                      ; NAME/KEY: CDS
; LOCATION: (344)..(1006)
US-10-287-226-345
                                                                                                                                         TYPE: DNA
ORGANISM: Homo sapiens
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1292 GTATAAACATGTATGTAATATGCTTTCTATGAATGATGTTTGATTTAAATATATACATA 1351
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TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-480C
                                                                                       FILE KEFEKENCE: 21402-480C
CURRENT APPLICATION NUMBER: US/10/287,226
CURRENT FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: 60/334,421
PRIOR APPLICATION NUMBER: 60/354,392
PRIOR FILING DATE: 2002-02-04
PRIOR FILING DATE: 2002-02-04
PRIOR FILING DATE: 2002-02-07
PRIOR FILING DATE: 2002-03-13
PRIOR FILING DATE: 2002-03-13
PRIOR FILING DATE: 2002-03-03
PRIOR FILING DATE: 2002-03-03
PRIOR FILING DATE: 2002-03-04
PRIOR FILING DATE: 2002-04-04
PRIOR FILING DATE: 2001-11-30
PRIOR FILING DATE: 2001-11-30
PRIOR FILING DATE: 2002-03-03
PRIOR FILING DATE: 2001-11-28
PRIOR FILING DATE: 2001-11-28
PRIOR FILING DATE: 2001-11-28
                                                                                                                                                                                                                                     Sequence 345, Application US/10287226; Publication No. US20040086875A1; GENERAL INFORMATION:
APPLICANT: Agee, Michele L.,
APPLICANT: Alsobrook, John P.,
APPLICANT: Berghs, Constance,
APPLICANT: Boldog, Ference,
APPLICANT: Burgess, Catherine E.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Spaderna, Steven K.,
Spytek, Kimberley A.,
Taupier, Jr., Raymond J.,
Vernet, Corine A.M.,
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APPLICATION NUMBER: 60/334,027
FILING DATE: 2001-11-28
APPLICATION NUMBER: 60/331,641
FILING DATE: 2001-11-20
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Patturajan, Meera,
Rastelli, Luca,
Rieger, Daniel K.,
Rothenberg, Mark E.,
Shenoy, Suresh G.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Li, Li,
Malyankar, Uriel M.,
MacDougall, John R.,
Mezes, Peter S.
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Chaudhuri, Amitabha,
DiPippo, Vincent A.,
Edinger, Shlomit R.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Zerhusen, Bryan D.,
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Gangolli, Esha A.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gorman, Linda,
Gerlach, Valerie,
Ji, Weizhen,
Kekuda, Ramesh,
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Ort, Tatiana,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eisen, Andrew,
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 GTATTATCGTTATTATTCTTGGAGAAACCCTGTCTGTTTACTGTAACCTTTTGCACTCAA
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US-10-643-795A-57
; Sequence 57, Application US/10643795A
; Publication No. US20040241703A1
; GENERAL INFORMATION:
; APPLICANT: FREDERIC J. DESAUVAGE
; APPLICANT: GRETCHEN FRANTZ
; APPLICANT: FRUNETH J. HILLAN
; APPLICANT: PAUL POLAKIS
; APPLICANT: ANDREW POLSON
; APPLICANT: VICTORIA SMITH
; APPLICANT: VICTORIA SMITH
; APPLICANT: THOMAS D. WU
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i Sequence 21, Application US/10647426

j Publication No. US20040110197A1

j GENERAL INFORMATION:

j GENERAL INFORMATION:

j APPLICANT: Skinner, Michael K.

j APPLICANT: Patton, Jodi L.

j TITLE OF INVENTION: A METHOD OF DETERMINING TUMOR CHARACTERISTICS BY

TITLE OF INVENTION: A METHOD OF DETERMINING TUMOR CHARACTERISTICS BY

TITLE OF INVENTION: LIPID-ASSOCIATED GENES

TITLE OF INVENTION: LIPID-ASSOCIATED GENES

FILE REFERENCE: PATRICK EAGLEMAN: EMBOL-X 252/124

CURRENT APPLICATION NUMBER: US/10/647,426

CURRENT APPLICATION NUMBER: US/09/676,052

PRIOR FILLING DATE: 2000-09-28

NUMBER OF SEQ ID NOS: 95

SOFTWARE: PatentIN Ver. 2.0

SEQ ID NO 21

LENGTH: 1043
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LOCATION: (1)..(1043)
CTHER INFORMATION: The sequence of the cDNA
CTHER INFORMATION: Acid Phosphatase type 2a
US-10-647-426-21
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Best Local Similarity 90.9
Matches 948; Conservative
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Publication No. US20050064492A1

GERREAL INFORMATION:
APPLICANT: FREDENIC J. DESAUVAGE
APPLICANT: FREDENIC J. DESAUVAGE
APPLICANT: FREDENIC J. DESAUVAGE
APPLICANT: FRENERIC J. HILLAN
APPLICANT: PAUL POLAKIS
APPLICANT: PAUL POLAKIS
APPLICANT: SUSAN D. SPENCER
APPLICANT: SUSAN D. SPENCER
APPLICANT: THOMAS D. WU
APPLICANT: THOMAS D. WU
APPLICANT: THOMAS D. WU
APPLICANT: THOMAS D. WU
APPLICANT: TOWNENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TITLE OF INVENTION WUMBER: US 60/404,809
FRIOR APPLICATION NUMBER: US 60/413,192
FRIOR PILING DATE: 2002-08-19
FRIOR PILING DATE: 2002-08-23
FRIOR PILING DATE: 2002-10-15
FRIOR PILING DATE: 2003-10-15
FRIOR APPLICATION NUMBER: US 60/414,959
FRIOR PILING DATE: 2003-10-15
FRIOR APPLICATION NUMBER: US 60/414,959
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TITLE OF INVENTION: CMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND TITLE OF INVENTION: CMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND FILE REFERENCE: P5026R1-US
CURRENT APPLICATION NUMBER: US/10/643,795A
CURRENT FILING DATE: 2003-08-19
FRIOR FILING DATE: 2002-08-19
FRIOR APPLICATION NUMBER: US 60/405,645
FRIOR PILING DATE: 2002-08-21
FRIOR PILING DATE: 2002-09-23
FRIOR FILING DATE: 2002-09-23
FRIOR FILING DATE: 2002-10-15
FRIOR FILING DATE: 2002-11-15
FRIOR FILING DATE: 2002-11-15
FRIOR FILING DATE: 2003-07-02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Homo sapien
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APPLICANT: Wyeth
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APPLICANT: Mounts, William
TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED
TITLE OF INVENTION: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES
FILE REFERENCE: 031896-043000 (AM 101081)
CURRENT APPLICATION NUMBER: US/10/956,157
CURRENT FILING DATE: 2004-10-04
NUMBER OF SEQ ID NOS: 319805
SOFTWARE: Patentin version 3.2
SEQ ID NO 1105
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     421 TCTTTTAAAGAAAGAAAGAGGAGGACTCTCATACAACTCTGCATGAAACACCAACAACT
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OTHER INFORMATION: Genbank Accession No. US20040014040A1 NM_022538 US-10-191-803-154
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APPLICANT: PORTER, Mark
APPLICANT: PORTER, Mark
APPLICANT: JOHNSON, Kory
APPLICANT: JOHNSON, Kory
APPLICANT: ACSTLE, Brandon
APPLICANT: CASTLE, Arthur
APPLICANT: CASTLE, Arthur
APPLICANT: ELASHOFF, Michael
TITLE OF INVENTION: Cardiotoxin Molecular Toxicology Modeling
FILE REFERENCE: 44921-5090US
CURRENT FILING DATE: 2002-07-10
PRIOR PELICATION NUMBER: US 60/303,819
PRIOR FILING DATE: 2001-07-10
PRIOR FILING DATE: 2001-07-17
PRIOR PELING DATE: 2001-07-17
PRIOR FILING DATE: 2002-04-03
PRIOR FILING DATE: 2002-04-03
PRIOR FILING DATE: 2002-06-06
NUMBER OF SEQ ID NOS: 1140
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 154

LENGTH: 871
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                                                                                                                                                                                                                                                                                                                                ; Sequence 154, Application US/10191803
; Publication No. US20040014040A1
; GENERAL INFORMATION:
; APPLICANT: MENDRICK, Donna
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ORGANISM: Rattus norvegicus
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Sequence 6340, Application US/10956157

Publication No. US20050118625A1

GENERAL INFORMATION:

APPLICANT: Wyeth

APPLICANT: Wyeth

TITLE OF INVENTION: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES

TITLE OF INVENTION: US/10/956,157

CURRENT APPLICATION NUMBER: US/10/956,157

CURRENT APPLICATION NUMBER: US/10/956,157

CURRENT APPLICATION NUMBER: 2004-10-04

NUMBER OF SEQ ID NOS: 319805

SOFTWARE: Patentin version 3.2

SEQ ID NO 6340
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38.3%; Score 600; DB 22; L
Best Local Similarity 100.0%; Pred. No. 7.6e-148;
Matches 600; Conservative 0; Mismatches 0;
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PRIOR FILING DATE: 2001-11-01
PRIOR APPLICATION NUMBER: US 60/330,462
PRIOR FILING DATE: 2001-10-22
Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 2221
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1795
LENGTH: 871
                                                                                                                          TYPE: DNA
ORGANISM: Rattus norvegicus
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                     ACATTGCCAAGTATTCAATAGGCAGACTGCGCCCTCACTTCTTGGATGTTTGTGATCCAG
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Publication No. US20040072160Al

GENERAL INFORMATION:
APPLICANT: Mendrick, Donna
APPLICANT: Higgs, Brandon
APPLICANT: Gatle, Arthur
APPLICANT: Gatle, Arthur
APPLICANT: Catle, Arthur
APPLICANTON NUMBER: US/10/152,319A
CURRENT APPLICATION NUMBER: US 60/292,335
PRIOR FILING DATE: 2001-06-19
PRIOR FILING DATE: 2001-06-19
PRIOR FILING DATE: 2001-06-19
PRIOR FILING DATE: 2001-07-10
PRIOR FILING DATE: 2001-08-28
PRIOR FILING DATE: 2001-08-28
PRIOR FILING DATE: 2001-08-28
PRIOR FILING DATE: 2001-09-27
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US-10-956-157-4623/c
US-10-956-157-9858/c
                                                                                                                                                                                                                     ; TYPE: DNA
; ORGANISM: Homo
US-10-956-157-9858
                                                                                                                                                                                         SEQ ID NO 9858
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                                                                                            Sequence 2825, Application US/1069639;
Sequence 2825, Application WS/1069639;
Publication No. US20050037439A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corporation
APPLICANT: Bourner, Maureen J.
TITLE OF INVENTION: DIFFRENTIALLY EXPRESSED GENES INVOLVED IN CANCER, THE
FILE OF INVENTION: POLYPEPTIDES ENCODED THEREBY, AND METHODS OF USING THE SAME
FILE REFERENCE: 01040/1
CURRENT APPLICATION NUMBER: US/10/696,639
CURRENT FILING DATE: 2003-10-29
PRIOR PPLICATION NUMBER: 60/422,176
PRIOR PPLICATION NUMBER: 60/422,176
NUMBER OF SEQ ID NOS: 3114
SOFTWARE: Patentin version 3.1
SEQ ID NO 2825
LENGTH: 486
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1174 ACTATCCGAGCAATCACCAGCCTTGAAAGG 1203
                      836 GCTACGCAAGGAATCACGAGCCCTGAAGGG
                                                                                                                                                                                                                                                                                                                                                                                ) NAME/KEY: misc feature
; LOCATION: (240)
; OTHER INFORMATION: n=unknown
US-10-696-639-2825
                                                                                                                                                                                                                                                                                                                                                      ORGANISM: homo sapiens
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-10-696-639-2825/c
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APPLICANT: Wyeth
APPLICANT: Wounts, William
APPLICANT: Mounts, William
TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WIT
TITLE OF INVENTION: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES
FILE REFERENCE: 031896-043000 (AM 101081)
CURRENT APPLICATION NUMBER: US/10/956,157
CURRENT FILING DATE: 2004-10-04
NUMBER OF SEQ ID NOS: 319805
SOFTWARE: PALENTIN Version 3.2
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| Publication No. US20050118625A1
| GENERAL INFORMATION:
| APPLICANT: Wyeth
| APPLICANT: Mounts, William
| APPLICANT: Mounts, William
| TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 30.8%; Score 482.8; DB 22; Length Best Local Similarity 89.3%; Pred. No. 1.3e-116; Matches 520; Conservative 0; Mismatches 62; Indels
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; Sequence 9858, Application US/10956157; Publication No. US20050118625A1; GENERAL INFORMATION:
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; Sequence 1965, Application US/09764847
; Patent No. US20020132767A1
; GENERAL INFORMATION:
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC009
; CURRENT APPLICATION NUMBER: US/09/764,847
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper; NUMBER OF SEQ ID NOS: 2003
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1965
; LENGTH: 26197
; TYPE: DNA
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      PROTEASES
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.5e-116;
.es 62; I
   AND HUMAN
                                                                                                                                                                                             Score 482.8; I
Pred. No. 2.5e-
0; Mismatches
TITLE OF INVENTION: HUMAN OSTEOARTHRITIS, FILE REFERENCE: 031896-043000 (AM 101081) CURRENT APPLICATION NUMBER: US/10/956,157 CURRENT FILING DATE: 2004-10-04 NUMBER OF SEQ ID NOS: 319805 SOFTWARE: Patentin version 3.2 SEQ ID NO 4623 LENGTH: 3947
                                                                                                                                                                                             Query Match 30.8%;
Best Local Similarity 89.3%;
Matches 520; Conservative
                                                                                                                           TYPE: DNA
ORGANISM: Homo sapiens
US-10-956-157-4623
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                                                            62;
                                   <u>ب</u>
                                 Score 482.8; DB 9;
Pred. No. 7.7e-116;
0; Mismatches 62;
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                                                                                TATCCATTTATGTGGGCCTTTCTCGAGTTT
                                 Query Match 30.8%;
Best Local Similarity 89.3%;
Matches 520; Conservative
 sapiens
; ORGANISM: Homo
US-09-764-847-1965
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Sequence 286, Applia Sequence 2, Applia Sequence 117, Applia Sequence 1590, Applia Sequence 1590, Applia Sequence 273, Applia Sequence 273, Applia Sequence 273, Applia Sequence 273, Applia Sequence 342, Applia Sequence 
                                                                                                                                                      November 11, 2005, 06:34:39 ; Search time 236.321 Seconds (without alignments) 9430.425 Million cell updates/sec
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                                                                                                                                                                                                                                                                           Description
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Sequence 8
Sequence 2
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Sequence 2
Sequence 9
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/cgn2_6/ptodata/1/ina/5B_COMB.seq:*
/cgn2_6/ptodata/1/ina/6A_COMB.seq:*
/cgn2_6/ptodata/1/ina/6B_COMB.seq:*
/cgn2_6/ptodata/1/ina/6B_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-08-992-035A-2
US-09-566-921-117
US-09-702-705-1590
US-09-736-457-1590
US-09-614-124B-1590
US-09-671-325-1590
US-09-671-325-1590
US-09-671-325-1590
US-09-671-325-273
US-09-671-325-273
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US-09-270-767-8983
US-09-270-767-24265
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US-09-902-540-9100
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Maximum Match 100%
Listing first 45 summaries
                                                                                                  OM nucleic - nucleic search, using sw model
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Gapop 10.0 , Gapext 1.0
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Match Length DB
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No.
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	ALIGNMENTS						
Sequence 1119, Ap	US-09-902-540-1119	4	16584	3.2	44.2	45	
Sequence 2596, Ap	US-09-902-540-2596	4	1304	3.2	44.2	44	
Seguence 8, Appli	US-09-356-952-8	c	6453	т т	44.8	43	υ
Sequence 10, Appl	US-09-209-668-10	m	6453	e .	44.8	42	U
Sequence 14, Appl	US-08-306-691B-14	-	6453	ж е.	44.8	41	U
	US-09-016-434-301	4	253	3.3	45.2	40	
Sequence 721, App	US-09-902-540-721	4	4387	3.4	46.4	39	
7458,	US-09-902-540-7458	4	1674	3.4	46.4	38	
316,	US-09-651-236-316	4	151	3.4	46.4	37	
	US-09-759-143-316	4	151	3.4	46.4	36	
316,	US-09-679-426-316	4	151	3.4	46.4	35	
316,	US-09-688-489-316	4	151	3.4	46.4	34	
316,	US-09-685-166A-316	4	151	3.4	46.4	33	
•	US-09-636-215-316	4	151	3.4	46.4	32	
Sequence 316, App	US-09-232-149A-316	ന	151	3.4	46.4	31	
-	US-09-352-616A-316	m	151	3.4	46.4	30	
	US-09-439-313-316	m	151	3.4	46.4	53	
Sequence 973, App	US-09-902-540-973	4	10318	3.5	47.2	28	ပ

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Gegenere 286, Application US/09016434

Sequence 286, Application US/09016434

Sequence 286, Application US/09016434

Sequence 286, Application US/09016434

Sequence 286, Application US/09016434

Septicant Janice Au-Young

APPLICANT Janice Au-Young

APPLICANT Janice Au-Young

APPLICANT JANICE SEGUENCES: 1490

CORRESPONDENCE ADDRESS: 1490

CORRESPONDENCE ADDRESS: 1490

CORRESPONDENCE INCYTE PHARMACEUTICALS, INC.

STRATE: CALIFORNIA

CONPUTER: PALO ALTO

STATE: CALIFORNIA

COMPUTER: Eloppy disk

CLASSIFICATION INTORRATION:

REFERENCE/DOCKET NUMBER: PA-0002 US

TELEDYM: Eloppy disk

TELEDYM: Eloppy disk

TELEDYM: Eloppy disk

TREEPAX: Eloppy disk

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15.9%; Score 217; DB 4; Length 217; 100.0%; Pred. No. 2.6e-50;

Query Match Best Local Similarity

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PERL Program
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SOFTWARE: PER
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                                                                                                                                  CTGAAGGCTACATTCAGAACTACAGATGCAGAGGTGATGACAGCAAAGTCCAGGAAGCCA
                                                   1 GCTTCCTCTTTGGCTGTGGCCATCTTTCACAGACATTGCCAAAGTGTCCATAG
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COMPUTER: IBM COMPACTION
COMPUTER: IBM COMPACTION
SOFTWARE: FASTEM: DOS
SOFTWARE: FASTEM: DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/992,035A
FILING DATE: December 17, 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: 36,749
REFERENCE/DOCKET NUMBER: BF-0433 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEFAX: 650-845-4166
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1315 Dase pairs
 Mismatches
                                                                                                                                                                                                                                                                              Sequence 2, Application US/08992035A; Patent No. 6242179; GENERAL INFORMATION:
APPLICANT: Shah, Purvi
APPLICANT: Hillman, Jennifer L.
APPLICANT: Lal, Preeti
TITLE OF INVENTION: HUMAN PHOSPHATASES; CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                      Incyte Pharmaceuticals, Inc
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Matches 434; Conservative
 Conservative
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
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                           GCTTCCTCTTGGC
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CLONE: 1719418
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08-992-035A-2
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GGCGGGCCTCCCCTTCCTCATCGAGACAAGCACCATCAAGCCTTACCACCGAGGGTT
                                                                                    153 GGCTTCCATGCCTATGGCTGTTCTAAATTGGGCCAAATATATCCATTTCAGAGGCTT
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APPLICANT: Loring, Debora W.
APPLICANT: Tingley, Debora W.
APPLICANT: Edwards, Carla M.
TITLE OF INVENTION: GENES EXPRESSED IN ALZHEIMER'S DISEASE FILE REFERENCE: PA-0024 US
CURRENT APPLICATION NUMBER: US/09/566,921
CURRENT FILING DATE: 2000-05-05
NUMBER OF SEQ ID NOS: 138
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; OTHER INFORMATION: Incyte ID No. 6682888 202234.2
US-09-566-921-117
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CURRENT APPLICATION NUMBER: US/09/736,457
CURRENT FILING DATE: 2000-12-13
NUMBER OF SEQ ID NOS: 1864
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 8.5%; Score 115.2; DB 4; Length Best Local Similarity 61.8%; Pred. No. 7.2e-22; Matches 183; Conservative 0; Mismatches 113; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             834 TGCAGAGGTGATGACAGCAAAGTCCAGGAAGCCAGGAAGTCCTTCTT
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      FILE REFERENCE: 210121,478C14
CURRENT APPLICATION NUMBER: US/09/702,705
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 1833
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 1590
LENGTH: 434
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OTHER INFORMATION: n = A,T,C or G
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; OTHER INFORMATION: n = A,T,C or US-09-702-705-1590
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Bangur, Chaitanya S
Lodes, Michael A.
Fanger, Gary
Vedvick, Tom
Carter, Darrick
Retter, Marc
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ORGANISM: Homo sapiens
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LOCATION: (1)...(434)
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APPLICANT: Mannion, Jane
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
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      Length 1303
                                                           Indels
    Score 212.6; DB 4;
Pred. No. 1.2e-48;
0; Mismatches 324;
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; Sequence 1590, Application US/09702705
; Patent No. 6504010
Query Match 15.6%;
Best Local Similarity 56.2%;
Matches 420; Conservative
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C12
CURRENT APPLICATION NUMBER: US/09/671,325
CURRENT FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 1825
SOFTWARE: FastSEQ for Windows Version 3.0
LENGTH: 434
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APPLICANT: Wang, Tongtong; APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary; APPLICANT: Vedvick, Tom
APPLICANT: Vedvick, Tom
APPLICANT: Carter, Darrick
                                                                                                                                                                                                                                                                                                                                                    Sequence 1590, Application US/09671325
Patent No. 6667154
GENERAL INFORMATION:
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Bangur, Chaitanya S
Lodes, Michael A.
Fanger, Gary
Vedvick, Tom
Carter, Darrick
Retter, Marc
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APPLICANT: Lodes, Michael A.
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Vedvick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Fanger, Liqun
APPLICANT: Fang, Aijun
APPLICANT: Wang, Aijun
APPLICANT: Farter, Marc
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Patent No. 6509448
GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
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Bangur, Chaitanya S.
Lodes, Michael A.
Fanger, Gary
Vedvick, Tom
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; ORGANISM: Homo sapien
US-09-736-457-273
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APPLICANT: Mannion, Jane
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C11
CURRENT APPLICATION NUMBER: US/09/658,824
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 1788
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 1590
LENGTH: 434
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APPLICANT: Wang, Tongtong
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Vedvick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Fan, Liqun
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C14
CURRENT APPLICATION NUMBER: US/09/702,705
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 1833
SOFTMARE: FastSEQ for Windows Version 3.0
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i LOCATION: (1)...(434)
i OTHER INFORMATION: n = A,T,C or G
US-09-658-824-1590
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Best Local Similarity 61.89
Matches 183; Conservative
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ORGANISM: Homo sapiens
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US-09-702-705-273
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GENERAL INFORMATION:
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                                                                                                                                                                                                              SOFTWARE: F3
SEQ ID NO 273
LENGTH: 472
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APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Vedvick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C8
CURRENT APPLICATION NUMBER: US/09/589,184
CURRENT FILING DATE: 2000-06-05
NUMBER OF SEQ ID NOS: 827
          CURRENT FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 1825
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 273
LENGTH: 472
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APPLICANT: Bangur, Chaitanya S.
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Vedvick, Tom
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Fan, Liqun
ITTLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
ITTLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
CURRENT APPLICATION NUMBER: US/09/671,325
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APPLICANT: Fanger, Gary
APPLICANT: Vedvick, Tom
APPLICANT: Retter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C9
CURRENT APPLICATION NUMBER: US/09/614,124B
CURRENT FILING DATE: 2001-07-11
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Pred. No. 2.1e-21;
0; Mismatches 114; Indels
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                                                                                                                                                                                                                                                                                                                                                                           Sequence 273, Application US/09614124B Patent No. 6630574
GENERAL INFORMATION:
APPLICANT: Wang, Tongtong APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 273, Application US/09671325 Patent No. 6667154 GENERAL INFORMATION:
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Best Local Similarity 61.5%;
Matches 182; Conservative (
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253 CTGCAGGGGCACTGGTGGCTGCCTCACTGTCTGCTACATCTCAGACTTCTTCAA 308
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APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Vedvick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
APPLICANT: Fan, Liqun
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C11
CURRENT APPLICATION NUMBER: US/09/658,824
CURRENT APPLICATION NUMBER: US/09/658,824
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 1788
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 273
LENGTH: 472
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-658-824-273; Sequence 273; Application US/09658824; Patent No. 6746846; GENERAL INFORMATION:
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APPLICANT: Vedvick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFRENCE: 210121-478C14
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 1833
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 342
TOWARD: AND AND AND METHODS FOR THE THERAPY AND
SEQ ID NO 342
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ne : 238.321 secs
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ORGANISM: Homo sapien
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November 11, 2005, 10:33:31 ; Search time 1190.41 Seconds (without alignments) 9461.850 Million cell updates/sec
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Copyright (c) 1993 - 2005 Compugen Ltd.
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                                                                                                                                                                        9794790 seqs, 4134909567 residues
                                                                                                                                                                                                                                                                                         Published Applications NA:*
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 1.0
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Maximum DB seq length: 200000000
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Perfect score:
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                                                         Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

/cgn2_6/ptodata/2/pubpna/US11A_PUBCOMB.seq /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:

Description	Sequence 20, Appl Sequence 607. Appl Sequence 65, Appl Sequence 3434, Ap Sequence 219, App
ID	0 US-10-647-426-20 4 US-10-044-090-607 0 US-10-717-597-65 US-09-880-107-3434 5 US-10-116-802-219
DB	20 20 20 15
% Query Match Length DB	1362 3162 1445 1444 1597
& Query Match	100.0 99.6 89.2 88.5 87.6
Score	1362 1356.2 1215.4 1205 1193
Result No.	H 2 W 4 R

Sequence 331, App	N	3	Sequence 2091, Ap	Ö	Ñ	Sequence 29157, A	N	m	o o	m	'n	~	Sequence 28930, A	~	H	급	Н	~	~	6	ĭ	2	ທ	'n	Ξ	m	'n	ĕ	ñ	equence 345,	347,	9	e 1258,	e 1258,	e 2045,	quence 1590,	equence 1590,	e 1590,	ce 1590,
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ALIGNMENTS

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US-10-647-426-20

Sequence 20, Application US/10647426

Publication No. US20040110197A1

Sequence 20, Application US/10647426

Publication No. US20040110197A1

APPLICANT: Skinner, Michael K.

APPLICANT: Batton, Jodi L.

TITLE OF INVENTION: DETERMINING ABNORMAL COPY NUMBER OR EXPRESSION LEVEL OF

TITLE OF INVENTION: LIPID-ASSOCIATED GENES

FILE REFERENCE: PATRICK BAGLEMAN: ENBOL-X 252/124

CURRENT APPLICATION NUMBER: US/09/676,052

PRIOR FILING DATE: 2000-09-28

NUMBER OF SEQ ID NOS: 95

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 20

LENGTH: 1362

LENGTH: 1362

LENGTH: 1362

CRAILON: (1). (1362)

OTHER INFORMATION: Acid Phosphatase type 2B

US-10-647-426-20
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Sequence 607, Application US/10044090
; Publication No. US20020137081A1
; GENERAL INFORMATION:
; APPLICANT: Olga Bandman
; TITLE OF INVENTION: GENES DIFFERENTIALLY EXPRESSED IN VASCULAR TISSUE ACTIVATION
; FILE REFERENCE: PA-0028 US
; CURRENT APPLICATION NUMBER: US/10/044,090
; CURRENT FILING DATE: 2002-01-09
; NUMBER OF SEQ ID NOS: 850
; SOFTWARE: PERL Program
; SEQ ID NO 607
; LENGTH: 3162
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; OTHER INFORMATION: Incyte ID NO. US20020137081A1 1723675CB1
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ORGANISM: Homo sapiens
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Query Match
Best Local Similarity 100.0%;
Matches 1362; Conservative 0
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GENERAL INFORMATION: APPLICANT: Wyeth APPLICANT: Wyeth APPLICANT: Twine, Natalie C. APPLICANT: Trepicchio, William L. APPLICANT: Trepicchio, William L. APPLICANT: Stover, Jennifer A. TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS FILE REFERENCE: AM101080L CURRENT APPLICATION NUMBER: US 60/459,782 PRIOR PPLICATION NUMBER: US 60/459,782 PRIOR PPLICATION NUMBER: US 60/427,982 PRIOR FLLING DATE: 2003-11-21 NUMBER OF SEQ ID NOS: 4994 SOFTWARE: Patentin version 3.2 LENGTH: 1445 TYPE: DNA ORGANISM: Homo sapiens US-10-717-597-65	Query Match Best Local Similarity 95.0%; Pred. No. 0; Matches 1293; Conservative 0; Mismatches 1; Indels 67; Gaps 1;	Ay 2 GCGCAGCTCTGCAAAAGTTTCTGCTCGGGATCTGGCTCTTCCCCTTGGACTTTAGAAC 61	Qy 62 GATTTAGGGTTGACAGGGAAAGCAGAGGGGGGGGGGGGG	AN 122 GCAGTTGGAGGCAGCCCCGGCTGCACTCTAGCCGCCGCGCCGGGGCCGA 181	Qy 182 CCCGCCACTATCCGCAGCAGCCTCGGCCAGGAGCGACCCGGGCGCCTGGGTGTGTGT	Qy 242 GCTGTTGCGGACGTCTTCGCGGGGGGGGGGGGCCGCGCGCG	Qy 302 CTACAAGTACGACAATGGCGATCGTCCCGGAGAGCAAGAGCGGCGGCGCCCGGCGCTCAA 361	Qy 362 CAACAACCCGAGGAGGAGCGCCAGCAAGCGGGTGCTGCTCGTCGTCGTCTTCTG 421	A22 CCTCTTCATGGCGGCCTCCCCTTCCTCATCGAGACAAGCACCATCAAGCCTTACCA 481	A82 CCGAGGGTTTTACTGCAATGAGAGCATCAAGTACCCACTGAAAACTGGTGAGACAAT 541	Ay 542 AAATGACGCTGTGCCTGGGGGATCGTCATTGCCATCCTCGCGATCACGGG 601	QY 602 GGAATTCTACCGGATCTATTACCTGAAGAAGTCGCGGTCGACGATTCAGAACCCCTACGT 661
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RESULT 3 US-10-717-597-65 ; Sequence 65, Application US/10717597 ; Publication No. US20040110221A1

Ouery Match 88.5%; Score 1205; DB 9; Length 1444; Best Local Similarity 95.0%; Pred. No. 0; Matches 1293; Conservative 0; Mismatches 0; Indels 68; Gaps 2 GCGCAGCTCTGCAAAAGTTTCTGCTCGGGATCTGGCTCTTCCCCTTGGACTTTAGAAC 61	122 GCAGTTGGAGGCAGCCCCGGCTGCACTCTAGCCGCCGCCGCGCCCGAGCCGGGGCCGA 18 [50 56 54	563 CCGAGGGTTTTACTGCAATGATGAGGACCATCAAGTACCCACTGAAAACTGGTGAGACAAT 6. 542 AAATGACGCTGTGCTCTGTGCCGTGGGGGATCGTCATTGCCATCCTCGCGATCATCACGG 6. 623 AAATGACGCTGTGCTCTGTGCCGTGGGGATCGTCATTGCCATCCTCGCGATCACCGG 6. 602 GGAATTCTACCGGATCTATTACCTGAAGAAGTCGCGGTCGACGATTCAGAACCCCTACGT 6.	74 72 80 78	803 CACAGACATTGCCAAAGTGTCCATAGGGCGCCTGCGTCCTCACTTCTTGAGTGTCTGCAA 8 782 CCCTGATTTCAGCCAGATCAACTGCTCTGAAGGCTACATTCAGAACTACAGATGCAGAGG 8	Qy 842 TGATGACAGCAAGTCCAGGAAGCCAGGAAGTCCTTCTTCTCTGGCCATGCCTCCTTCTC 901 Db 923 TGATGACAGCAAAGTCCAGGAAGTCCTTCTTCTCTGGCCATGCCTCCTTCTC 982 Qy 902 CATGTACACTATGGTGCTATACCTGCAGGCCGGCTTCACTTGGCGAGGAGC 961 Db 983 CATGTACACTATGGTGCTATACCTGCAGGCCCGCTTCACTTGGCGAGGAGC 101 Db 983 CATGTACACTATGGTGTATTTGGTGCTATACCTGCAGGCCCGCTTCACTTGGCGAGGAGC 1042	962 CCGCCTGCTCCGGCCCCTCCTGCAGTTCACCTTGATCATGATGGCCTTCTAC
	Qy 902 CATGTACACTATGCTGTATTTGGTGCTATACCTGCAGGCCGGCTTCACTTGGCGAGGAGC 961	Qy 1022 GTCTCGCGTATCAGACCACCATCCCAGTGATGTTCTGGCAGGATTTGCTCAAGG 1081	1223		RESULT 4 US-09-880-107-3434 ; Sequence 3434, Application US/09880107 ; Patent No. US20020142981A1 ; Patent No. US200ANTION: ; APPLICANT: Horne, Darci T. ; APPLICANT: Vockley, Joseph G.	APPLICANT: Scherf, Uwe; APPLICANT: Gene Logic, Inc. ITILE OF INVENTION: Gene Expression Profiles in Liver Cancer FILE REFERENCE: 44921-5028-WO CURRENT APPLICATION NUMBER: US/09/880,107 CURRENT APPLICATION NUMBER: US/09/880,107 CURRENT APPLICATION NUMBER: US/09/880,107	PRIOR FILING DATE: 2000-06-14 PRIOR APPLICATION NUMBER: US 60/237,054 PRIOR FILING DATE: 2000-10-02 NUMBER OF SEQ ID NOS: 3950 SOFTWARE: Patentin Ver. 2.1 SEQ ID NO 3434 LENGTH: 1444	; TYPE: DNA ; ORGANISM: Homo sapiens ; FEATURE: ; DTHER_INFORMATION: Genbank Accession No. US20020142981A1 U79294

Page 5

02 CTACAAGTACGACAAAGCGATCGTCCCGGAGAGCAAAACGGCGGCGCCGGCGCTCAA 3	2 AAATGACGTTGTGCCGTGGGGATCGTCATTGCCATCTCGGGATCATCACGGG 601 3 AAATGACGCTGTGCCTTGTGCCGTGGGGATCGTCATTGCCATCCTCGGGATCATCACGGG 601 3 AAATGACGCTGTGCTTGTGCCGTGGGGATCGTCATTGCCATCCTCGCGATCATCACGGG 702 4 GGAATTCTACCGGATCTATTACCTGAAGAAGTCGCGGTCGACGATCATCAGAACCCCTACGT 661 5 GGAATTCTACCGGATCTATTACCTGAAGAAGTCGCGGTCGACGATCAGAACCCCTACGT 762 5 GGCAGCACTCTATAAGCAAGTGGGCTGCTTCCTCTTTGGCTGTGCCATCAGCCCATCTTTT 721	GGCAGCACTCIATIAGGCAGCTGCTTCCTTTGGCTGCCACCAGCCAGCCTTTT B GGCAGCACTCTATAAGCAAGTGGCCTGCTTCCTTTGGCTGCCACCAGCCAG
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QY 1022 GTCTCGCGTATCAGACCACAAGCACCATCCCAGTGATGTTCTGGCAGGATTTGCTCAAGG 1081 Db 1102 GTCTCGCGTATCAGACCACCATCCCAGTGATGTTCTGGCAGGATTTGCTCAAGG 1161 QY 1082 AGCCCTGGTATCAGACCATAGTTTTCTTCGTGTTCTTCAAGACTAAGACGAC 1141 Db 1162 AGCCCTGGTGCCTGCTGCTAGTTTTCTTCGTGTCTTCAAGACTAAGACGAC 1221 QY 1142 GCTCTCCCTGCTGCTGCTATCCGGAAGGAAATCCTTTCACCTGTGGACATATTGA 1201 Db 1222 GCTCTCCCTGCCTGCTATCCGGAAGGAAATCCTTTCACCTGTGGACATTATTGA 1281 QY 1202 CAGGAACAATCACCACAACATGATGTAGGTGCCACCCTCTTCAGGCTGTTTTTTGTAAA 1261	Db 1282 CAGGAACAACAACAAGATGATGTAGGTGCCACCCCCGAGCTGTTTTTGTAAA 1341 Qy 1262 ATGACTGCTGACAGGTTCTTGCTGCTCTCCAATCTCAGACAGTAGAATGTAGGG 1321	Maintenance Maintenance

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721 CAGGAGGAGATCCTGTCTCCCGTGGACATCATCGACAGGAAATCACCATAACATGGT 780
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986 GTTCACCTTGATCATGATGGCCTTCTACACGGGACTGTCTCGCGTATCAGACCACAAGCA
                       541 GIICACTTTGCTCATGATGGCCTTCTACACGGGATTGTCACGGGTATCTGACTACAAGCA
                                                                              1046 CCATCCCAGTGATGTTCTGGCAGGATTTGCTCAAGGAGCCCTGGTGGCCTGCTGCATAGT
                                                                                                                    601 TCATCCTAGCGATGTCCTGGCAGGATTTGCCCAAGGAGCTCTGGTGGCCTGCTGCTAGT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Apportosis-Inducing DNA Sequences FILE REFERENCE: 2923-0133
CURRENT APPLICATION NUMBER: US/10/332,859
CURRENT FILING DATE: 2003-01-14
PRIOR APPLICATION NUMBER: PCT/FP01/08170
PRIOR FILING DATE: 2001-07-13
NUMBER OF SEQ ID NOS: 355
SOFTWARE: Patentin version 3.2
SEQ ID NO 217
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 217, Application US/10332859
; Publication No. US20040088746A1
; GENERAL INFORMATION:
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APPLICANT: Schoenfeld, Nicole
APPLICANT: Braziulis, Erik
APPLICANT: Cramer, Ursula
APPLICANT: Gewies, Andreas
APPLICANT: Voss, Frank
APPLICANT: Mund, Thomas
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Gille, Hendrik
Klein, Matthias
Bauer, Manuel
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US-10-332-859-217
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Best Local Similarity 83.8%; Pred. No. 2.5e-189;
Matches 768; Conservative 0; Mismatches 138; Indels
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APPLICANT: Wund, Thomas
APPLICANT: Mund, Thomas
APPLICANT: Albayrak, Timur
APPLICANT: Gille, Hendrik
APPLICANT: Gille, Hendrik
APPLICANT: Gille, Matthias
APPLICANT: Bauer, Manuel
TITLE OF INVENTION: Apoptosis-Inducing DNA Sequences
FILE REFERENCE: 2923-0133
CURRENT APPLICATION NUMBER: US/10/332,859
CURRENT APPLICATION NUMBER: PCT/EP01/08170
PRIOR FILING DATE: 2001-07-13
NUMBER OF SEQ ID NOS: 355
SOFTWARE: PatentIn version 3.2
LENGTH: 919
          Sequence 331, Application US/10332859; Publication No. US20040088746A1; GENERAL INFORMATION:
APPLICANT: Grimm, Stefan
APPLICANT: Schoenfeld, Nicole
APPLICANT: Cramer, Ursula
APPLICANT: Gewies, Andreas
APPLICANT: Gewies, Andreas
APPLICANT: Noss, Frank
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APPLICANT: Noss, Frank
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) LOCATION: (105)..(408)
) OTHER INFORMATION: n = any nucleotide
US-10-332-859-331
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US-09-878-178-2091
; Sequence 2091, Application US/09878178
; Patent No. US20020177552A1
; GENERAL INFORMATION:
; APPLICANT: Jiang, Yuqiu
; APPLICANT: Harlocker, Susan L.
; APPLICANT: APPLICANTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF COLON CANCER
; FILE REFERENCE: 210121.527
; CURRENT PILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 2237
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2091
; LINGTH: 538
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Best Local Similarity 99.3%; Pred. No. 3.7e-124;
Matches 454; Conservative 0; Mismatches 2;
                                                                                                                       Score 444; DB 10;
Pred. No. 7.5e-125;
0; Mismatches 1;
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                                               or G
; OTHER INFORMATION: n = A,T,C US-09-918-995-31572
                                                                                                                          Query Match 32.6%;
Best Local Similarity 99.8%;
Matches 444; Conservative
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US-09-878-178-2091
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APPLICANT: Hyseq, Inc.

TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED

TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES

FILE REFERENCE: 20411-756

CURRENT APPLICATION NUMBER: US/09/918,995

CURRENT FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: US/09/235,076

PRIOR FILING DATE: 1999-01-20

NUMBER OF SEQ ID NOS: 38054

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 31572

LENGTH: 486
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Publication No. US20030073623A1
GENERAL INFORMATION:
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ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
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                                                                                                                                                                                                                                                        Sequence 2091, Application US/10146502
; Sequence 2091, Application US/10146502
; Publication No. US20030069180A1
; GENERAL INFORMATION:
; APPLICANT: Jiang, Yuqiu
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Secrist, Heather
; APPLICANT: Wang, Aijun
; APPLICANT: Stolk, John A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THEI
; TITLE OF INVENTION: COMPOSITIONS OF COLON CANCER
; FILE REFERENCE: 210121.527C2
; CURRENT FILING DATE: 2002-05-14
; NUMBER OF SEO ID NOS: 2241
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2091
; LENGTH: 538
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Pred. No. 3.7e-124;
0; Mismatches 2;
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Best Local Similarity 99.3%;
Matches 454; Conservative
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; ORGANISM: Homo sapiens
US-10-146-502-2091
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US-10-146-502-2091
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Sequence 29157, Application US/09918995
Publication No. US20030073623A1
GENERAL INFORMATION:
APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
TITLE OF INVENTION: PROM VARIOUS cDNA LIBRARIES
FILE REFERENCE: 20411-756
CURRENT APPLICATION NUMBER: US/09/918,995
CURRENT FILING DATE: 2001-07-30
PRIOR FILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 38054
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 29157
LINGTH: 490
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Sequence 29158, Application US/09918995
Publication No. US20030073623A1
GENERAL INFORMATION:
APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES FILE REFERENCE: 20411-756
CURRENT APPLICATION NUMBER: US/09/918,995
CURRENT FILING DATE: 2001-07-30
                                                                                                                                                                                                                                                                                               // FEATURE:
// NAME/KEY: misc_feature
// LOCATION: (1)...(490)
// OTHER INFORMATION: n = A,T,C or G
US-09-918-995-29157
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Sequence 3210, Application US/10242535A

Publication No. US20040013663A1

GENERAL INFORMATION:

APPLICANT: ChondroGene Inc.

APPLICANT: ChondroGene Inc.

TITLE OF INVENTION: Compositions and Methods Relatiing to Osteoarthritis

FILE REFERENCE: 4231/2005

CURRENT APPLICATION NUMBER: US/10/242,535A

CURRENT FILING DATE: 2002-09-12

PRIOR FILING DATE: 2002-09-12

PRIOR FILING DATE: 2001-07-13

PRIOR FILING DATE: 2001-07-13

PRIOR APPLICATION NUMBER: US 60/275,017

SPRIOR FILING DATE: 2001-02-28

NUMBER OF SEQ ID NOS: 58994

SOFTWARE: PatentIn version 3.2

SEQ ID NO 3210
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                                                                                                                                                                                                                                                                                                                      31.6%; Score 430.6; DB 10; Length
99.1%; Pred. No. 9e-121;
tive 0; Mismatches 4; Indels
PRIOR APPLICATION NUMBER: US/09/235,076
PRIOR FILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 38054
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 29158
LENGTH: 437
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Best Local Similarity 99.1
Matches 433; Conservative
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; ORGANISM: Homo sapiens
US-09-918-995-29158
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APPLICANT: Liew, C.C.
TITLE OF INVENTION: Compositions and Methods Relatiing to Osteoarthritis; FILE REFERENCE: 4231/2002; CURRENT APPLICATION NUMBER: US/10/085,783A; CURRENT APPLICATION NUMBER: US 60/305,340; PRIOR FILING DATE: 2001-07-13; PRIOR FILING DATE: 2001-07-13; PRIOR FILING DATE: 2001-03-12; PRIOR FILING DATE: 2001-03-12; PRIOR FILING DATE: 2001-03-28; PRIOR FILING DATE: 2001-02-28; NUMBER OF SEQ ID NOS: 58994; SOFTWARE: PatentIn version 3.2
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  DB 18; Length 374;
                                2; Indels
Score 358.8; DB
Pred. No. 8e-99;
0; Mismatches
26.3%;
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Best Local Similarity 99.27
Matches 371; Conservative
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US-10-085-783A-3210
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; ORGANISM: Human
US-10-085-783A-3210
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LENGTH: 374
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                                                                                    241 ACCTCTTCTGCCTCTTCATGGGGGGCCTCCCTTCCTCATCATGAGACAAGAACATCA
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                                                     352 CGGCGCTCAACAACAACCCCGAGGAGGAGGGCGGCAAGCGGGTGCTGCTCATCTGCCTCG
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Sequence 117, App
Sequence 273, App
Sequence 342, App
Sequence 342, App
Sequence 342, App
Sequence 342, App
Sequence 1590, Ap
                                                                                           (without alignments)
9430.425 Million cell updates/sec
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Sequence 286,
Sequence 316,
Sequence 316,
Sequence 316,
Sequence 316,
                                                                                                                                                Description
                                                                                                                                                                                                                                                                                                                                                                                                1: /cgn2 6/ptodata/1/ina/5A_COMB.seq:*
2: /cgn2 6/ptodata/1/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
                                                                            November 11, 2005, 06:34:39 ; Search time
GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-702-705-273
US-09-614-124B-273
US-09-671-325-273
US-09-671-325-273
US-09-671-325-273
US-09-671-325-273
US-09-671-325-342
US-09-671-325-342
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US-09-671-325-342
US-09-671-325-3590
US-09-658-824-342
US-09-736-457-1590
US-09-736-457-1590
US-09-658-824-1590
US-09-614-124B-1590
US-09-658-824-1590
US-09-658-824-1590
US-09-668-824-1590
US-09-668-824-1590
US-09-016-434-311
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US-09-232-149A-316
US-09-636-215-316
US-09-685-166A-316
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                                                   - nucleic search, using sw model
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Maximum DB seq length: 2000000000
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ALIGNMENTS

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                                                                        APPLICANT: Ioring, Jeanne F.
APPLICANT: Tingley, Debora W.
APPLICANT: Tingley, Debora W.
APPLICANT: Tingley, Debora W.
TITLE OF INVENTION: GENES EXPRESSED IN ALZHEIMER'S DIS:
FILE REFERENCE: PA-0024 US
CURRENT APPLICATION NUMBER: US/09/566,921
CURRENT FILING DATE: 2000-05-05
NUMBER OF SEQ ID NOS: 138
SOFTWARE: PERL Program
SEQ ID NO 117
LENGTH: 1303
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 1163; DB 4;
Pred. No. 8.3e-314;
0; Mismatches 10;
                                                                                                                                                                                                                                                                                                                                                                    ; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. 6682888 202234.2
US-09-566-921-117
                  ; Sequence 117, Application US/09566921
; Patent No. 6682888
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 98.8%;
Matches 1214; Conservative
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US-09-566-921-117
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                                                                                                                                                                                                 Query Match 35.9%; Score 442.6; DB 4; Best Local Similarity 98.5%; Pred. No. 3.1e-113; Matches 468; Conservative 0; Mismatches 4;
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C14
CURRENT APPLICATION NUMBER: US/09/702,705.
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ 1D NOS: 1833
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ 1D NO 273
LENGTH: 472
                                                                                                                                                            ; ORGANISM: Homo Bapien
US-09-702-705-273
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US-09-702-705-273
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Length Indels

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FOR THE THERAPY AND
                                                                   APPLICANT: Wang, Tongtong
APPLICANT: Wang, Tongtong
APPLICANT: Lodes, Michael A.
APPLICANT: Lodes, Michael A.
APPLICANT: Vedvick, Tom
APPLICANT: Vedvick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Fan, Liqun
APPLICANT: Fan, Liqun
APPLICANT: Wang, Aijun
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C15
CURRENT APPLICATION NUMBER: US/09/736,457
CURRENT FILING DATE: 2000-12-13
sequence 273, Application US/09736457; Patent No. 6509448; GENERAL INFORMATION:
                                                                                                                                                                                                                               Sequence 273, Application US/09702705; Patent No. 6504010; GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Vedvick, Tom
APPLICANT: Carter, Darrick
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618

678

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120

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CAACTCTGTTGGAAGTGGGCACGCTGCTGCGACCCACAGTCCAGTTCTTCCTGGTGGCC 180
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APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Fanger, Gary
APPLICANT: Pantion, Jane
APPLICANT: Retter, Marc
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C12
CURRENT APPLICATION NUMBER: US/09/671,325
CURRENT FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 1825
SOFTWARE: FastSEQ for Windows Version 3.0
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          4; Indels
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          0; Mismatches
                                          CTGGAGAAGGTGTGCAGGGGAAACCC
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; Patent No. 6667154
; GENERAL INFORMATION:
        468; Conservative
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LENGTH: 472
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; Sequence 273, Application US/09614124B
; Patent No. 6630574
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Lodes, Michael A.
; APPLICANT: Fanger, Gary
; APPLICANT: Carter, Tom
; APPLICANT: Retter, Marc
; APPLICANT: Mannion, Jane
; TILLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
; TILLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
; TILLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
; TILLE REFERENCE: 210121.478C9
; CURRENT FILING DATE: 2001-07-11
; NUMBER OF SEQ ID NOS: 1668
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 273
; LENGTH: 472
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Best Local Similarity 98.5%; Pred. No. 3.1e-113;
Matches 468; Conservative 0; Mismatches 4;
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Pred. No. 3.1e-113;
; NUMBER OF SEQ ID NOS: 1864
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 273
; LENGTH: 472
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-736-457-273
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98.5%;
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; ORGANISM: Homo sapien
US-09-614-124B-273
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US-09-614-124B-273
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361 AGCCTGTCACTGACGTTGACCCT-GGGCGAGGCTGACCACAACCACA--ATGGATACCCG
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APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
APPL
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Pred. No. 3.1e-113;
0; Mismatches 4; Indels 3
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US-09-658-824-273
; Sequence 273, Application US/09658824
; Patent No. 6746846
; GENERAL INFORMATION:
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Best Local Similarity 98.5%;
Matches 468; Conservative (
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                                                      61 TCGGGACACTCTTCCTTTGGGATGTACTGCATGGTGTTCTTGGCGCTGTATGTGCAGGCA
                                                                                                                              TTTGCCCTCTACGTGGGCTACACCCGCGTGTCTGATTACAAACACCACTGGAGCGATGTC
                                                                                                                                                              TTTGCCCTCTACGTGGGCTACACCCGCGTGTCTGATTACAAACACCCACTGGAGCGATGTC
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                             CGACTCTGTTGGAAGTGGGCACGGCTGCTGCGACCCACAGTCCAGTTCTTCCTGGTGGCC
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US-09-589-184-273

Sequence 273, Application US/09589184

Patent No. 6686447

GENERAL INFORMATION:

APPLICANT: Wang, Tongtong

APPLICANT: Bangur, Chaitanya S.

APPLICANT: Carter, Gary

APPLICANT: Carter, Darrick

APPLICANT: Carter, Darrick

APPLICANT: Carter, Marc

APPLICANT: Carter, Marc

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND

TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER

FILE REFERENCE: 210121.478C8

CURRENT APPLICATION NUMBER: US/09/589,184

CURRENT APPLICATION NUMBER: 22000-06-05

NUMBER OF SEQ ID NOS: 827

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 273

LENGTH: 472
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CORGANISM: Homo sapien
US-09-589-184-273
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                                                   Sequence 342, Application US/09736457

Sequence 342, Application US/09736457

Patent No. 6509448

GENERAL INFORMATION:

APPLICANT: Wang, Tongtong

APPLICANT: Lodes, Michael A.

APPLICANT: Carter, Gary

APPLICANT: Retter, Marc

APPLICANT: Rannion, Jane

APPLICANT: Wang, Aijun

APPLICANT: Wang, Aijun

TITLE OF INVENTION: DIAGNOSITIONS AND METHODS FOR THE THERAPY AND

TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER

FILE REFERENCE: 210121.478C15

CURRENT FILING DATE: 2000-12-13

NUMBER OF SEQ ID NOS: 1864

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 342
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 35.6%; Score 438.4; DB 4; Best Local Similarity 97.9%; Pred. No. 4.6e-112; Matches 465; Conservative 0; Mismatches 7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc feature;
LOCATION: (1)...(472)
CTHER INFORMATION: n = A,T,C or US-09-736-457-342
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Homo sapien
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US-09-614-124B-342
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361 AGCCTGTCACTGACGTTGACCCT-GGGCGAGGCTGACCACCAACCACT--ATGGATACCCG 417
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                                                                                                  RESULT 8

US-09-702-705-342

Sequence 342, Application US/09702705

Sequence 342, Application US/09702705

Patent No. 6504010

GENERAL INFORMATION:

APPLICANT: Wang, Tongtong

APPLICANT: Wang, Michael A.

APPLICANT: Fanger, Gary

APPLICANT: Panger, Carter, Darrick

APPLICANT: Parger, Carter, Darrick

APPLICANT: Retter, Marc

APPLICANT: Retter, Marc

APPLICANT: Composition of the APPLICANT: Pan, Liqun

TITLE OF INVENTION: COMPOSITIONS AND METHODS

FILE REFERENCE: 210121-478C14

CURRENT APPLICATION NUMBER: US/09/702,705

CURRENT APPLICATION NUMBER: 105/09-10-30

NUMBER OF SEQ ID NOS: 1833

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 342

LENGTH: 472
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Best Local Similarity 97.9%; Pred. No. 4.6e-112;
Matches 465; Conservative 0; Mismatches 7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:

NAME/KEY: misc_feature

LOCATION: (1)...(472)

OTHER INFORMATION: n = A,T,C or
US-09-702-705-342
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Homo sapien
                                     859
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DB 4; Length 472; Indels

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RESULT 12
US-09-589-184-342
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Sequence 342, Application US/09614124B
Patent No. 6630574
GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Vedvick, Tom
APPLICANT: Vedvick, Tom
APPLICANT: Vedvick, Tom
APPLICANT: Vedvick, Tom
APPLICANT: Warc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C9
CURRENT FILING DATE: 2001-07-11
NUMBER OF SEQ ID NOS: 1668
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 342
LENGTH: 472
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                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc_feature;

LOCATION: (1)...(472)

CTHER INFORMATION: n = A,T,C or

US-09-614-124B-342
                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Homo sapien
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US-09-671-325-342
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APPLICANT: Fanger, Gary
APPLICANT: Vedvick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478612
CURRENT APPLICATION NUMBER: US/09/671,325
CURRENT FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 1825
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 342
LINGTH: 472
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; LOCATION: (1)...(472)
; OTHER INFORMATION: n = A,T,C or G
US-09-671-325-342

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Bangur, Chaitanya
Lodes, Michael A.
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Vedvick, Tom
Carter, Darrick
Retter, Marc
Mannion, Jane
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                                                                                                                                                                                                                                                                  Length 472;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 342, Application US/09658824;
Sequence 342, Application US/09658824;
Patent No. 6746846;
GENERAL INFORMATION:
APPLICANT: Wang, Tongtong;
APPLICANT: Lodes, Michael A.;
APPLICANT: Fanger, Gary;
APPLICANT: Fanger, Gary;
APPLICANT: Retter, Darrick;
APPLICANT: Retter, Marc;
APPLICANT: Retter, Marc;
APPLICANT: Rotter, Marc;
APPLICANT: Rotter, Marc;
APPLICANT: Rotter, Marc;
APPLICANT: Fan, Liqun;
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR;
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER;
FILE REFERENCE: 210121.478C11;
CURRENT APPLICATION NUMBER: US/09/658,824;
TITLE OF INVENTION: COMPOSITIONS AND METHODS TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER FILE REFERENCE: 210121.478C8
CURRENT APPLICATION NUMBER: US/09/589,184
CURRENT FILING DATE: 2000-06-05
NUMBER OF SEQ ID NOS: 827
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 342
LENGTH: 472
                                                                                                                                                                                                  ; LOCATION: (1)....(472)
; OTHER INFORMATION: n = A,T,C or G
US-09-589-184-342
                                                                                                                                   TYPE: DNA
ORGANISM: Homo sapien
FEATURE:
NAME/KEY: misc_feature
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439 CTGGAGAAGGTGTGCAGGGGAAACCCTGCTGATGTCACCGAGGCCAGGTTGTCTTCTAC 498
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APPLICANT: Wang, Tongtong
APPLICANT: Wang, Tongtong
APPLICANT: Lodes, Michael A.
APPLICANT: Lodes, Michael A.
APPLICANT: Vedvick, Tom
APPLICANT: Vedvick, Tom
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Ban, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C14
CURRENT APPLICATION NUMBER: US/09/702,705
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 1833
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 1550
LENGTH: 434
                                                                                                                                                                                                                                                                                                                                                                                                                                               Indela
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NUMBER OF SEQ ID NOS: 1788
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 342
LENGTH: 472
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                                                                                                                                                                                                                                                          LOCATION: (1)...(472)
OTHER INFORMATION: n = A,T,C or
                                                                                                                                                                                          FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(472)
                                                                                                                             TYPE: DNA
ORGANISM: Homo sapien
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us-08-842-827-7.rni

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Search completed: November 11, 2005, 16:01:55 Job time: 222.765 secs
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                                                                                                                                                                                    Length 434;
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Pred. No. 6.1e-102;
0; Mismatches 6;
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APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Lodes, Michael A.
APPLICANT: Carter, Darrick
APPLICANT: Vedvick, Tom
APPLICANT: Retter, Marc
APPLICANT: Wang, Aijun
APP
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                  FEATURE:
NAME/KEY: misc feature
LOCATION: (1)...(434)
OTHER INFORMATION: n = A,T,C or
US-09-702-705-1590
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418 CACTCCTCCTCAGG 434
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Best Local Similarity 97.9%;
Matches 428; Conservative
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NAME/KEY: misc feature
LOCATION: (1)...(434)
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ORGANISM: Homo sapiens
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US-09-736-457-1590
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                                                                                                                     Gaps
                                                                                                                     3;
                                                                       Length 434;
                                                                                                                 6; Indels
                                                                     Score 402; DB 4;
Pred. No. 6.1e-102;
0; Mismatches 6;
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; OTHER INFORMATION: n = A, T, C or US-09-736-457-1590
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CACTCTTCTTCCTGAGG 875
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Best Local Similarity 97.9%;
Matches 428; Conservative
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November 11, 2005, 10:33:31; Search time 1076.79 Seconds (without alignments) 9461.850 Million cell updates/sec
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6/prodata/2/pubpna/USOSB PUBCOMB.Beq:*
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/ cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*
/ cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                          OM nucleic - nucleic search, using sw model
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Gapop 10.0 , Gapext 1.0
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Maximum DB seq length: 200000000
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

		Description	Sequence 25, Appl	Sequence 117, App	Sequence 101, App	Sequence 273, App	Sequence 273, App
SUMMARIES			US-10-647-426-25	US-10-765-700-117	US-10-491-467-101	US-09-736-457-273	US-09-902-941-273
		DB	20	24	24	σ	6
		Match Length DB ID	:	1303	1301	472	472
	* C	Match	97.2	94.4	7.06	35.9	35.9
		Score	1198	1163	1117.4	442.6	442.6
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quence 273 equence 27	273	6 273, 342,	equence 342,	342	342	342,	e 342,	1590,	590,	1590	1590	e 1590	332,	e 332,	= 2864	e 1656	1931	e 2587	154	1799	21,	57,	57,	1105	61,	65,	50,	219,	301,	Sequence 607, App	3434,	345,	e 347,	4581,
US-09-849-626-27 0 US-09-476-300-2	5 US-10-017-754-27 7 US-10-113-872-27	US-10-283-017-2 US-09-736-457-34	US-09-902-941	US-U9-849-626-342 0 US-09-476-300-34	5 US-10-017-754-34	7 US-10-113-872-34	8 US-10-283-017-34	9 US-09-730-437-1390 9 US-09-902-941-1590	US-09-849-626-159	5 US-10-017-754-159	7 US-10-113-872-1	8 US-10-283-017-159	US-09-925-298-332	5 US-10-102-806	7 US-10-029-386-28	US-10-029-386-1	2 US-10-696-639-19	1 US-10-357-930-2	8 US-10-191-803-154	US-10-152-319A-	0. US-10-647-426-21	1 US-10-643-795	US-10-948-518-57	2 US-10-956-157	4 US-10-764-425-6	0 US-10-717-597-	0 US-10-647-426-2	5 US-10-116-802-2	8 US-10-305-720-30	4 US-10-044-090-6	US-09-880-10	9 US-10-287-22	US-10-287-226-3	9 US-09-867-701-4581
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ALIGNMENTS

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US-10-647-426-25
Sequence 25, Application US/10647426
Sequence 25, Application US/10647426
Sequence 25, Application US/10647426
Sequence 25, Application No. US20040110197A1
Sequence 10 No. US20040110197A1
Sequence 10 No. US20040110197A1
TITLE OF INVENTION: DETERMINING ABNORMAL COPY NUMBER OR EXPRESSION LEVEL OF TITLE OF INVENTION: LIPID-ASSOCIATED GENES
TITLE OF INVENTION: LIPID-ASSOCIATED GENES
FILE REPERENCE: PATRICK EAGLEMAN: EMBOL-X 252/124
CURRENT APPLICATION NUMBER: US/09/676,052
PRIOR PILING DATE: 2003-09-28
NUMBER OF SEQ ID NOS: 95
SOFTWARE: Patentin Ver: 2.0
SOFTWARE: Patentin Ver: 2.0
SOFTWARE: Patentin Ver: 2.0
SOFTWARE: Patentin Ver: 2.0
SOFTWARE: Gene
CURRENT: Gene
COTHER INFORMATION: The sequence of the CDNA coding for Phosphatidic
COTHER INFORMATION: Acid Phosphatase type 2c
US-10-647-426-25
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436 ATTGGGCGTCTGAGGCCCAACTTCCTAGCCGTCTGCGACCCCGACTGGAGCCGGGTCAAC 495
                                                                                             GGGACCTTCCTGTTTGGGGCTGCCGTGAGCCAGTCTCTGACAGACCTGGCCAAGTACATG
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US-10-765-700-117

Sequence 117, Application US/10765700

Publication No. US20050130171A1

GENERAL INFORMATION:

APPLICANT: Loring, Jeanne F.

APPLICANT: Loring, Jeanne F.

TITLE OF INVENTION: GENES EXPRESSED IN ALZHEIMER'S DIS

FILE REFERENCE: PA-0024 US

CURRENT APPLICATION NUMBER: US/10/765,700

CURRENT FILING DATE: 2004-01-26

PRIOR APPLICATION NUMBER: US/09/566,921

PRIOR FILING DATE: PRIORT FILING DATE: 2000-05-05

SOFTWARE: PERL Program

SEQ ID NO 117

LENGTH: 1303
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OTHER INFORMATION: Incyte ID No: 202234.2
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Best Local Similarity 98.8%;
Matches 1214; Conservative
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Best Local Similarity 99.4%;
Matches 1224; Conservative
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APPLICANT: ARVIZU, Chandra S.; RAMKUMAR, Jayalaxmi;
APPLICANT: SWARNAKA, Anite; TANG, Y. Tom;
APPLICANT: SWARNAKA, Anite; TANG, Y. Tom;
APPLICANT: THORNTON, Michael B.; TRAN, Uyen K.;
APPLICANT: THORNTON, Michael B.; TRAN, Uyen K.;
APPLICANT: CHAWLA, Narinder K.; WARREN, Bridget A.;
APPLICANT: YANG, Junming; YAO, Monique G.;
APPLICANT: YANG, Henry; ZEBARJADIAN, Yeganeh
TITLE OF INVENTION: KINASES AND PHOSPHATASES
FILE REFERENCE: PF-1244 USN
CURRENT APPLICATION NUMBER: US/10/491,467
CURRENT APPLICATION NUMBER: US 60/345,474
PRIOR FILING DATE: 2001-11-02
PRIOR FILING DATE: 2001-11-02
PRIOR FILING DATE: 2001-11-13
PRIOR FILING DATE: 2001-11-13
PRIOR FILING DATE: 2001-11-16
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US-10-491-467-101
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Publication No. US20050186568A1

GENERAL INFORMATION:

APPLICANT: INCYTE CORPORATION; BANDMAN, Olga;

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APPLICANT: LU, Dyung Aina M.; LU, Yan;

APPLICANT: MARQUIS, JOSEPH P.; NGUYEN, Danniel B.;
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Pred. No. 3e-123;
                                                             Query Match 35.9%; Score 442.6; DB 9;
Best Local Similarity 98.5%; Pred. No. 3e-123;
Matches 468; Conservative 0; Mismatches 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    JUNEAL INFORMATION:

APPLICANT: Henderson, Robert A.

APPLICANT: Henderson, Robert A.

APPLICANT: Wang, Tongtong

APPLICANT: Watanabe, Yoshihiro

APPLICANT: Water, Marc W.

APPLICANT: Retter, Marc W.

APPLICANT: Retter, Darrick

APPLICANT: Fanger, Carter, Darrick

APPLICANT: Fanger, Thomas S.

APPLICANT: Bangur, Chaitanya S.

APPLICANT: McNabb, Andria

TITLE OF INVENTION: COMPOSITIONS AND METHODS F

TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CAN

FILE REFERENCE: 210121.478C17

CURRENT FILING DATE: 2001-07-10

NUMBER OF SEQ ID NOS: 2002

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 273

LENGTH: 472
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98.5%;
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ORGANISM: Homo sapiens
US-09-902-941-273
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-736-457-273
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Sequence 273, Application US/09736457

Bacent No. US2002168637Al

GENERAL INFORMATION:

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APPLICANT: Vedvick, Tom

APPLICANT: Vedvick, Tom

APPLICANT: Retter, Marc

APPLICANT: Mannion, Jane

APPLICANT: Wang, Aijun

TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER

FILE REFERENCE: 210121.478C15

CURRENT APPLICATION NUMBER: US/09/736,457

CURRENT FILING DATE: 2000-12-13

NUMBER OF SEQ ID NOS: 1864

SSOFTWARE: FastSEQ for Windows Version 3.0
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Publication No. US20030125245A1

GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C3
CURRENT APPLICATION NUMBER: US/09/476,300
CURRENT FILING DATE: 1999-12-30
NUMBER OF SEQ ID NOS: 785

SOFTWARE: FASESEQ for Windows Version 3.0
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| Sequence 273, Application US/09849626
| Publication No. US20020197669A1
| GENERAL INFORMATION:
| APPLICANT: Bangur, Chaitanya APPLICANT: Wang, Tongtong APPLICANT: Clapper, Jonathan TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER FILE REFERENCE: 210121-478C16
| CURRENT FILING DATE: 2001-05-03
| NUMBER OF SEQ ID NOS: 1926
| SOFTWARE: FastSEQ for Windows Version 3.0
| SEQ ID NO 273
| LENGTH: 472
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ORGANISM: Homo sapien
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Best Local Similarity
Matches 468; Conserv
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Publication No. US20030054363A1

GENERAL INFORMATION:

APPLICANT: Wang, Tongtong

APPLICANT: Watanabe, Yoshihiro

APPLICANT: Garter, Marc W.

APPLICANT: Carter, Darrick

APPLICANT: Wodvick, Thomas S.

APPLICANT: Wodvick, Thomas S.

APPLICANT: McNabb, Andria

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY

TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER

FILE REFERENCE: 210121.478C18

CURRENT FILING ATE: 2001-10-29

NUMBER OF SEQ ID NOS: 2004

SEQ ID NO 273

LENGTHN: A72

TUBLE ATERIANE: PASLSEQ for Windows Version 4.0

SEQ ID NO 273

LENGTHN: A72
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                                                                                             APPLICANT: Henderson, Robert A.
APPLICANT: Henderson, Robert A.
APPLICANT: Sleath, Paul R.
APPLICANT: Sleath, Paul R.
APPLICANT: Carter, Darrick
APPLICANT: Carter, Darrick
APPLICANT: Fanger, Gary R.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C19
CURRENT APPLICATION NUMBER: US/10/113,872
CURRENT PILING DATE: 2002-03-28
NUMBER OF SEQ ID NOS: 2011
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 273
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US-10-283-017-273
; Sequence 273, Application US/10283017
; Publication No. US20030211510A1
; GENERAL INFORMATION:
; APPLICANT: Wenderson, Robert A.
; APPLICANT: Wang, Tongtong
; APPLICANT: Watanabe, Yoshihiro
; APPLICANT: Sleath, Paul R.
Sequence 273, Application US/10113872; Publication No. US20030170255A1; GENERAL INFORMATION: APPLICANT: Watanabe, Yoshihiro APPLICANT: Henderson, Robert A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-113-872-273
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499 TCGGGACACTCTTTCGGATGTACTGCATGGTGTTTTTGGCGCTGTATGTGCAGGCA 558
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER; FILE REFERENCE: 210121.478C15; CURRENT APPLICATION NUMBER: US/09/736,457; CURRENT FILING DATE: 2000-12-13; NUMBER OF SEQ ID NOS: 1864; SOFTWARE: FastSEQ for Windows Version 3.0; SEQ ID NO 342; LENGTH: 472
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APPLICANT: Watanabe, Yoshihiro
APPLICANT: Watanabe, Yoshihiro
APPLICANT: Barter, Marc W.
APPLICANT: Retter, Marc W.
APPLICANT: Rannerakis, Margarita
APPLICANT: Carter, Darrick
APPLICANT: Fanger, Thomas S.
APPLICANT: Wedvick, Thomas S.
APPLICANT: Wangur, Chaitanya S.
APPLICANT: McNabb, Andria
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 35.6%; Score 438.4; DB 9; Length 472; Best Local Similarity 97.9%; Pred. No. 5.6e-122; Matches 465; Conservative 0; Mismatches 7; Indels 3
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Patent No. US20020172952A1

GENERAL INFORMATION:

APPLICANT: Henderson, Robert A.

APPLICANT: Wang, Tongtong

APPLICANT: Watanabe, Yoshihiro

APPLICANT: Watanabe, Yoshihiro

APPLICANT: Retter, Marc W.

APPLICANT: Retter, Margarita

APPLICANT: Carter, Darrick

APPLICANT: Carter, Darrick

APPLICANT: Fanger, Gary R.

APPLICANT: Vedvick, Thomas S.

APPLICANT: Mannerakis

APPL
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NAME/KEY: misc_feature

LOCATION: (1)...(472)

OTHER INFORMATION: n = A,T,C or
US-09-736-457-342
                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Homo sapien
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,
                                                   APPLICANT: Retter, Marc W.
APPLICANT: Retter, Marc W.
APPLICANT: Carter, Durham, Margarita
APPLICANT: Carter, Darrick
APPLICANT: Carter, Darrick
APPLICANT: Fanger, Gary R.
APPLICANT: Wedvick, Thomas S.
APPLICANT: Bangur, Chaitanya S.
APPLICANT: McNabb, Andria
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C20
CURRENT APPLICATION NUMBER: US/10/283,017
CURRENT FILING DATE: 2002-10-28
NUMBER OF SEQ ID NOS: 2157
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 273
LENGTH: 472
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 35.9%; Score 442.6; DB 18; Length 472; Best Local Similarity 98.5%; Pred. No. 3e-123; Matches 468; Conservative 0; Mismatches 4; Indels 3;
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APPLICANT: Wang, Tongtong
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Fanger, Gary
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Fan, Liqun
APPLICANT: Fan, Liqun
APPLICANT: Fan, Liqun
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; ORGANISM: Homo sapiens
US-10-283-017-273
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Pred. No. 5.6e-122;
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Sequence 342, Application US/09476300

Bublication No. US20030125245A1

GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
FILE REFERENCE: 210121.478C3
CURRENT APPLICATION NUMBER: US/09/476,300
CURRENT FILING DATE: 1999-12-30
NUMBER OF SEQ ID NOS: 785
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 342
LENGTH: 472

    LOCATION: (1)...(472)
    CTHER INFORMATION: n = A,T,C or G
US-09-476-300-342

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                                 FEATURE:
NAME/KEY: misc feature
LOCATION: (1)...(472)
OTHER INFORMATION: n = A,T,C or
US-09-849-626-342
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Best Local Similarity 97.9%;
Matches 465; Conservative
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ORGANISM: Homo sapien
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US-09-476-300-342
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Sequence 342, Application US/09849626;
Publication No. US20020197669A1
GENERAL INFORMATION:
APPLICANT: Bangur, Chaitanya
APPLICANT: Wang, Ajun
APPLICANT: Wang, Tongtong
APPLICANT: Wang, Tongtong
APPLICANT: Woreill, Patricia
APPLICANT: Clapper, Jonathan
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C16
CURRENT APPLICATION NUMBER: US/09/849,626
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 1926
SOFTWARE: FastSEQ for Windows Version 3.0
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Best Local Similarity 97.9%; Pred. No. 5.6e-122;
Matches 465; Conservative 0; Mismatches 7;
CURRENT APPLICATION NUMBER: US/09/902,941
CURRENT FILING DATE: 2001-07-10
NUMBER OF SEQ ID NOS: 2002
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 342
LENGTH: 472
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                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Homo sapiens
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LENGTH: 472
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Sequence 342, Application US/10017754

Publication No. US20030054363A1

GENERAL INFORMATION:

APPLICANT: Henderson, Robert A.

APPLICANT: Watanabe, Yoshihiro

APPLICANT: Watanabe, Yoshihiro

APPLICANT: Marerakis, Margarita

APPLICANT: Carter, Darrick

APPLICANT: Carter, Darrick

APPLICANT: Arnger, Gary R.

APPLICANT: Mcnabb, Andria

APPLICANT: Mcnabb, Andria

TITLE OF INVENTION: CompoSITIONS AND METHODS FOR THE THERAPY

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY

TITLE OF INVENTION: COMPOSITIONS AND DIAGNOSIS OF LUNG CANCER

FILE REFERENCE: 210121.478C18

CURRENT PILING DATE: 2001-10-29

NUMBER OF SEQ ID NOS: 2004

SEQ ID NO 342

LENGTH: 472

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LOCATION: 109

COTHER INFORMATION: n = A,T,C or G

US-10-017-754-342
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RESULT 2
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Sequence 1, Appli
Sequence 18, Appl
Sequence 13, Appl
Sequence 13, Appl
Sequence 17, Appl
Sequence 12, Appl
Sequence 12, Appl
Sequence 15, Appl
Sequence 21, Appl
Sequence 23, Appl
Sequence 23, Appl
Sequence 23, Appl
Sequence 6497, Ap
Sequence 6497, Ap
Sequence 6497, Ap
                                                                         2, 2005, 21:27:15; Search time 16.9516 Seconds (without alignments) 1215.413 Million cell updates/sec
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Sequence 53, A
Sequence 1, Al
Sequence 55,
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1453
1 MQRRWVFVLLDVLCLLVASL......KEEELERKPSLSLTLTLGRG
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/cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
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         GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-08-992-035A-3
US-09-360-376-53
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US-09-360-376-14
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US-09-360-376-12
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US-09-621-976-4116
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Maximum Match 100%
Listing first 45 summaries
                                                     - protein search, using sw model
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Sequence 4013, Ap
Sequence 102, App
Sequence 412, App
Sequence 1218, Ap
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27, Appl
3209, Ap
17, Appl
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20413, Ap
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Sequence 1
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Sequence
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Sequence 54, Application US/09360376

Batent No. 6495739

GENERAL INFORMATION:

APPLICANT: Lassner, Michael

APPLICANT: Ruezinsky, Diane

TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES

FILE REFERENCE: 17026/01/US

CURRENT APPLICATION NUMBER: US/09/360,376

CURRENT FILING DATE: 1999-07-23

PRIOR APPLICATION NUMBER: US 09/122,315

PRIOR FILING DATE: 1998-07-24

NUMBER OF SEQ ID NOS: 55

SOFTWARE: Patentin version 3.0

SEQ ID NO 54

LENGTH: 282
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               54.8%; Score 796; DB 4; Length 282; 56.7%; Pred. No. 2.3e-77; iive 46; Mismatches 61; Indels
US-09-540-236-3549

US-08-748-485-7

US-08-919-039-6

US-08-72-001-12

US-08-467-568-11

US-09-030-582-11

US-09-134-000C-4759

US-09-134-001C-3209

US-09-134-001C-3209

US-09-134-001C-3209

US-09-134-001C-4013

US-09-248-796A-20413

US-09-710-279-412

US-09-710-279-412

US-09-710-279-1218
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       TYPE: PRT
ORGANISM: Rattus sp
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Best Local Similarity
Matches 153; Conserv
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YVTDFFKT-----TESNKERKEDSHTTL 267 YISDFFKARPPQHCLKEEELERKPSLSLTL 271

us-08-842-827-8.rai

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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                  , ORGANISM: Mus musculus US-09-360-376-53
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CITY: Palo Alto
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       USA
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US-08-992-035A-1
                                                                                                                                                                               SEQ ID NO 53
LENGTH: 283
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                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:

OPERATING SYSTEM: DOS

SOFTWARE: FABLSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/992,035A

FILING DATE: December 17, 1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/992,035A

FILING DATE: December 17, 1997

APPLICATION NUMBER: BELLING DATA:

APPLICATION NUMBER: 36,749

REGISTRATION NUMBER: 36,749

REFERENCE/DOCKET NUMBER: PF-0433 US

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-855-0555

TELEFAX: 650-845-4166

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 283 amino acids

TYPE: amino acid

STRANDEDNESS: single
              APPLICANT: Shah, Purvi
APPLICANT: Shah, Purvi
APPLICANT: Hillman, Jennifer L.
APPLICANT: Corley, Neil C.
APPLICANT: Lal, Preeti
TITLE OF INVENTION: HUMAN PHOSPHATASES
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Dr.
CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  YISDFFKARPPQHCLKEEELERKPSLSL 269
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                                                                                                                                                                                                                              ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: 1487873
US-08-992-035A-3
GENERAL INFORMATION:
                                                                                                                                                                                                                 USA
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US-09-360-376-53
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                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 54.6%; Score 793.5; DB 4; Length 283; Best Local Similarity 56.0%; Pred. No. 4.3e-77; Matches 150; Conservative 49; Mismatches 62; Indels 7;
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/992,035A
FILING DATE: December 17, 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1, Application US/08992035A
Patent No. 6242179
GENERAL INFORMATION:
APPLICANT: Shah, Purvi
APPLICANT: Hillman, Jennifer L.
APPLICANT: Corley, Neil C.
APPLICANT: Lal, Preeti
TITLE OF INVENTION: HUMAN PHOSPHATASES
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3: Incyte Pharmaceuticals, Inc. 3174 Porter Dr.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    242 YISDFFKARPPQHCLKEEELERKPSLSL 269
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US-09-270-767-43247
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 61 TITATVILVSAGEAYLVYTDRLYSRSDFNN-YVAAVYKVLGTFLFGAAVSQSLTDLAKYM 119
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; Sequence 55, Application US/09360376
; Patent No. 6495739
; GENERAL INFORMATION:
; APPLICANT: Lassner, Michael
; APPLICANT: Ruezinsky, Diane
; TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
; FILE REFERENCE: 17026/01/US
; CURRENT APPLICATION NUMBER: US/09/360,376
; CURRENT FILING DATE: 1999-07-23
; PRIOR APPLICATION NUMBER: US 09/122,315
; PRIOR FILING DATE: 1998-07-24
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 33.2%; Score 483; DB 4; Length 233; Best Local Similarity 49.0%; Pred. No. 9e-44; Matches 98; Conservative 39; Mismatches 57; Indels
                                                                                                                                                                                                                                                                  Length 285;
                                                                                                                                                                                                                                                                  53.4%; Score 776; DB 3; 58.5%; Pred. No. 3.3e-75; iive 39; Mismatches 65
     PF-0433 US
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REFERENCE/DOCKET NUMBER: PF-C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEFAX: 650-845-4166
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 285 amino acids
TYPE: amino acids
STRANDEDNESS: single
                                                                                                                                                                                                                                                              Query Match 53.4*
Best Local Similarity 58.5*
Matches 152; Conservative
                                                                                                                                                                                             ; LIBRARY: BLADNOTO6
; CLONE: 1719418
US-08-992-035A-1
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                                                                                                                                                           TOPOLOGY: linear
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67 ILVSAGEAYLVYTDRLYSRS-DFNNYVAAVYKVLGTFLFGAAVSQSLTDLAKYMIGRLKP 125
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Sequence 43247, Application US/09270767

Patent No. 6703491

GENERAL INFORMATION:

APPLICANT: Homburger et al.

TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster'

FILE REFERENCE: File Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 43247
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Sequence 18, Application US/09122315C

Patent No. 6476294

GENERAL INFORMATION:

APPLICANT: Michael W. Lassner

APPLICANT: Diane Ruezinsky

TITLE OF INVENTION: Plant Phosphatidic Acid Phosphatases

FILE REFERENCE: 17026/00/US

CURRENT APPLICATION NUMBER: US/09/122,315C

CURRENT FILING DATE: 1998-07-24

NUMBER OF SEQ ID NOS: 18

SOFTWARE: IBM PC: Windows NT 4.0; Microsoft Word for Windows 7.0a

SEQ ID NO 18

LENGTH: 323
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           219 LOARXXXXXARLXRPMXXFXXXXXXXXXXXSRXXDYXHXXDVXXGXXXA 272
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: entire conserved region depicted in Figure 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 28.5%; Score 413.5; DB 4; Length Best Local Similarity 41.5%; Pred. No. 4.4e-36; Matches 97; Conservative 15; Mismatches 115; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: ungure; LOCATION: (1)..(323); OTHER INFORMATION: ungure at all Xaa locations US-09-122-315C-18
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COTHER INFORMATION: Xaa means any amino acid
US-09-270-767-43247
                                                                                                                        210 LVLYLQARFTWRGARCSGPS 229
                                                                                       179 LALYVQARLCWKWARLLRPT 198
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ORGANISM: Drosophila melanogaster
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121 GRLKPNFLAVCDPDWSRVNCSVYVQL-EKVCRGNPADVTEARLSFYSGHSSFGMYCMVFL 179
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      180 ALYVQ------ARLCWKWARLLRPTVQFFLVAFALYVGYTRVSDYKHHWSDVLV 227
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 :||:
224 SLYLSGKIKAFNNEGHVAKLC-----LVIFPLLA-ACLVGISRVDDYWHHWQDVFA 273
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          168 GRPRPNFYWRCFPDGK----ELYDALGGVVCHGKAAEVKEGHKSFPSGHTSWSFAGLTFL
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Sequence 13, Application US/09360376

Sequence 13, Application US/09360376

Patent No. (495739)

GENERAL INFORMATION:

APPLICANT: Lassner, Michael

APPLICANT: Ruezinsky, Diane

TITLE OF INVENTION:

FILE REFERENCE: 17026/01/US

CURRENT APPLICATION NUMBER: US/09/360,376

CURRENT APPLICATION NUMBER: US 09/122,315

PRIOR APPLICATION NUMBER: US 09/122,315

PRIOR FILING DATE: 1998-07-24

NUMBER OF SEQ ID NOS: 55

SOFTWARE: Patentin version 3.0

SEQ ID NO 13

LENGTH: 348
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APPLICANT: Lasener, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
SEQ ID NO 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; Sequence 16, Application US/09360376
; Patent No. 6495739
; GENERAL INFORMATION:
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                                                                                                                           170 G-ALPLTVMLVV--EFFRGQDKRLHSPFPKSTMCSGYHLCHLELPTWLVECYHRMGIFIF 226
                                                                                                                                                                                                                                                                                                    71 VPVYAMLL-----PLVIFIFIYFRRRD-----VYDLHHAVLG-LLYSVLVTAVLTDA 116
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                                                                                                                                                                                                                                                                          105 GAAVSQSLTDLAKYMIGRLKPNFLAVCDPDW-----SRVNCSVYVQLEKVCRGNPADV 157
                                                                                                                                                                                                                                                                                                                                                               158 T----BARLSFYSGHSSFGMYCMVFLALYVQARLCWKWARLLRPTVQFFLVAFALYVGY 212
                                                                                                                                                                                                                                                                                                                                                                                          284 TSKQLKDMRLSFPSGHASFACYSMLYLVIYLHRRMQWKQLRMLCHLLQFLLLMFAWYTAL 343
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                116 AKYMIGRLKPNFLAVCDPDWSRVNCSVYVQL-EKVCRGNPADVTEARLSFYSGHSSFGMY 174
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                                                                                            4 RWVF--VLLDVLCLLVASLPFAILTLVNAPYKRGFYCGDDSIRYPYRPDTITHG---LMA
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                                                         Gaps
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                                                   Indels 37;
          DB 4; Length 412;
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; Patent No. 6495739
; GENERAL INFORMATION:
; APPLICANT: Lassner, Michael
APPLICANT: Ruezinsky, Diane
; TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
; FILE REFERENCE: 17026/01/US
; CURRENT APPLICATION NUMBER: US/09/360,376
; CURRENT FILING DATE: 1999-07-23
; PRIOR PILING DATE: 1998-07-24
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: Patentin version 3.0
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        Query Match 27.0%; Score 392.5; DB 4; Best Local Similarity 37.1%; Pred. No. 1.1e-33; Matches 95; Conservative 37; Mismatches 87;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 16.2%; Score 236; DB 4; Best Local Similarity 28.3%; Pred. No. 5.5e-17; Matches 77; Conservative 44; Mismatches 81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               223 QDVFAGGLLG--LAISTICYLQFF---PPYH 249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         223 SDVLVGLLQGALVAALTVCYISDFFKARPPOH 254
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              213 TRVSDYKHHWSDVLVG 228
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Arabidopsis sp.
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US-09-360-376-14
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TYPE: PRT
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SEQ ID NO 14
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TYPE: PRT ORGANISM: Arabidopsis sp.
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Matches 63; Conserv
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  68 LVSAGEAYLVYTDRLYSRSDFNNYVAAVYKVLGTFLFGAAVSQSLTDLAKYMIGRLKPNF 127
                                                                                                                      LAVCDPDWSRVNCSVYVQLEKVCRGNPADVTEARLSFYSGHSSFGMYCMVFLALYVQ--- 184
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APPLICANT: Lassner, Diane
APPLICANT: Lassner, Diane
APPLICANT: Lassner, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR PILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
SEQ ID NO 17
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APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
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Patent No. 6495739
GENERAL INFORMATION:
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Patent No. 6495739
GENERAL INFORMATION:
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TYPE: PRT
ORGANISM: Glycine sp.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ALYVQ-------ARLCWKWARLLRPTVQFFLVAFALYVGYTRVSDYKHHWSDVLV 227
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SLYLSGKIRVFDQRGHVAKLC------IVILPLLVAALVGVSRVDDYWHHWQDVFG 228
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           62 ITATVILVSAGEAYLVYTDRLYSRSDFNNYVAAVYKVLGTFLFGAAVSQSLTDLAKYMIG 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    126 NFLAVCDPDWSRVNCSVYVQLEKVCRGNPADVTEARLSFYSGHSSFGMYCMVFLALYVQA 185
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APPLICANT: LASBNET, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC.ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
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                                                                   US 09/122,315
       US/09/360,376
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; Patent No. 6495739
; GENERAL INFORMATION:
CURRENT APPLICATION NUMBER: US/09/23

CURRENT FILING DATE: 1999-07-23

PRIOR APPLICATION NUMBER: US 09/13

PRIOR FILING DATE: 1998-07-24

NUMBER OF SEQ ID NOS: 55

SOFTWARE: Patentin version 3.0

SEQ ID NO 12

LENGTH: 290
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SOFTWARE: PatentIn version 3.0
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166

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Indels

Length 289;

DB 4; 92;

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59 GVTITATVILVSAGEA-----YLVYTDRL-----YSRSDFNNYVAAVYKVLGTFLFGA 106
                                                                                                                                                                                                                                                                                                                                                                                                                  118 ------KNWIGKLRPDFLDRCQPVEGLPLDTLFTAKDVCTTKNHERLLDGFRTTPS 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        9 LLDVLCLLVASLPFAILTLVN-----APYKRGFYCGDDSIRYPY-RPDTITHGLM---A
                                                                                                                                                                                                                                                                                                                72 FVVPSLTILIIGSILADRRHLIFILYTSLLGLSLAWFSTSFFTNFI--------
                                                                                                                                                                                                                                                                                                                                                                           107 AVSQSLTDLAKYMIGRLKPNFLAVCDPDWSRVNCSVYVQLEKVCRGNPADVTEARLSFYS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                167 CHSSFGMYCMVFLALYVQARLCWK--WARLLRPTVQFFLVAFALYVGYTRVSDYKHHWSD
                                                                                                          Query Match 11.0%; Score 160.5; DB 4 Best Local Similarity 23.3%; Pred. No. 6.6e-09; Matches 63; Conservative 50; Mismatches 92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   225 VLVGLLQGALVAALTVCYISDFFKAR--PP 252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             228 VILGSMLGYIMA------HFFYRRIFPP 249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Search completed: November 2, 2005, 21:48:59 Job time: 18.9516 secs
LENGTH: 289
TYPE: PRT
ORGANISM: Saccharomyces cerevisiae
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US-09-360-376-52
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                                                                                                                                                                                                                                                       Sequence 1561, Application US/09248796A

Patent No. 6747137

GENERAL INFORMATION:

APPLICANT: Keith Weinstock et al

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN

TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US/09/248,796A

CURRENT FILING DATE: 1998-02-12

PRIOR APPLICATION NUMBER: US 60/074,725

PRIOR FILING DATE: 1998-02-13

PRIOR FILING DATE: 1998-08-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    13;
                                               65 TVILVSAGEAYLVYTDRL--YSRSDFNNYVAAVY----KVLGTFLFGAAVSQSLTDLAKY 118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            119 MIGRIKPNFLAVCDP-----DWSRVNCSVYVQLEKVCRG--NPADVTEARLSFYSGHS 169
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   186 RLCW--KWARLLRPTVQFFLVAFALYVGYTRVSDYKHHWSDVLVGLLQGALVAALTVCYI 243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            142 WIARPRPDFLERCGPAPGTPLHELVDVN------VCTAPLGKALLIDGMKSTPSGHS 192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SFGMYCMVFLALYVQARLCWKWARLLRPTVQFFLVAF----ALYVGYTRVSDYKHHWSD 224
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Sequence 52, Application US/09360376

Patent No. 6495739

GENERAL INFORMATION:

APPLICANT: Lassner, Michael

APPLICANT: Lassner, Michael

TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES

FILE REFERENCE: 17026/01/US

CURRENT APPLICATION NUMBER: US/09/360,376

CURRENT FILING DATE: 1999-07-23

PRIOR PILING DATE: 1998-07-24

NUMBER OF SEQ ID NOS: 55

NUMBER OF SEQ ID NOS: 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      11.3%; Score 164; DB 4; Length 296; 24.7%; Pred. No. 2.9e-09; tive 50; Mismatches 113; Indels
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Matches 71; Conservative
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SEQ ID NO 15661
LENGTH: 296
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US-09-248-796A-15661
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us-08-842-827-8.rapb

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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
                                                                                               OM protein - protein search, using sw model
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November 2, 2005, 21:46:06; Search time 81.8927 Seconds (without alignments) 1408.915 Million cell updates/sec 1453 1 MQRRWVFVLLDVLCLLVASL......KEEELERKPSLSLTLTLGRG 276 US-08-842-827-8 Scoring table: Title: Perfect score: Sequence:

BLOSUM62 Gapop 10.0 , Gapext 0.5

Total number of hits satisfying chosen parameters:

1865214 seqs, 418043040 residues

Searched:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database :

Published Applications AA:*

1: cgn2_6/ptodata/2/pubpaa/USO7_PUBCOMB.pep:*

2: cgn2_6/ptodata/2/pubpaa/USO6_NEW PUB.pep:*

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10: cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*

11: cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*

12: cgn2_6/ptodata/2/pubpaa/USO9_NEW PUB.pep:*

13: cgn2_6/ptodata/2/pubpaa/USO9_NEW PUB.pep:*

14: cgn2_6/ptodata/2/pubpaa/USO9_NEW PUB.pep:*

15: cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*

16: cgn2_6/ptodata/2/pubpaa/USO0_PUBCOMB.pep:*

16: cgn2_6/ptodata/2/pubpaa/USO0_PUBCOMB.pep:*

17: cgn2_6/ptodata/2/pubpaa/USO0_PUBCOMB.pep:*

18: cgn2_6/ptodata/2/pubpaa/USO0_PUBCOMB.pep:*

19: cgn2_6/ptodata/2/pubpaa/USO0_PUBCOMB.pep:*

10: cgn2_6/ptodata/2/pubpaa/USO0_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

07177700			Description				-136 Sequence 136, App					Seguence	Seguence	0,	Seguence
			ID		US-10-491-467-	US-10-764-425-	US-10-643-795A	US-10-948-518-	US-10-655-601-:	US-10-812-238A	US-10-655-601-3	US-10-287-226-3	US-10-287-226-	US-11-097-143-2046	US-10-029-386-
			DB	1 1 1	18	18	16	17	16	17	16	15	15	20	14
			Length		274	284	289	289	285	311	311	221	221	372	89
	ф	Query	re Match Length DE		92.7	56.8	55.8	55.8	53.4	44.8	44.7	43.9	43.9	35.6	31.9
			Score		1347	825.5	811	811	116	651	650	638.5	638.5	517.5	463
		Result	No.		٦	7	m	4	Ω.	9	7	œ	6	10	11

Sequence 750, App	e 149	912	equence 4134	equence 24018	413	equence 5,	413	52,	283	7	270	Sequence 10075, A	340	ω,	125	e 490,	125,	58,	493,	6893	4304		Seguence 276804,			44853		12196		20364		
US-09-925-298-750 US-10-102-806-750	-11-097-143-1	US-11-097-143-9	US-11-097-143-	US-11-097-143-2401	US-11-097-143	ö	US-11-097-143	US-10-491-467-5	US-10-108-26	US-10-476-23	US-10-094-74	US-10-739-930-100	US-10-103-31	US-10-476-23	ò	US-10-103-31	US-10-227-646	US-10-204-92	US-10-103-313	US-10-369-493	US-10-425-114	US-10-424-599	US-10-424-599	US-10-106-698	US-10-425-115-2036	US-10-767-701	US-10-369-493	US-10-437-963	Š	US-10-425-115	ន	US-10-425-114-41280
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105	340	246	341	334	305	321	305	318	427	292	577	319	183	187	180	180	180	326	203	318	333	322	343	220	311	309	212	369	53	310	318	324
29.9	27.8	25.8	ŝ	24.4	22.3	22.1	20.4	18.6	18.2	17.5	17.5	17.2	•	17.1	17.0	17.0	17.0	16.8	16.2	•	•		15.2	•	•			•	14.5	•	14.2	14.2
4 3 4 4	403.5	•	370	355	324.5	N	297	270	265	255	254	249.5	249	248.5	247	247	247	244.5	~	233.5			221	O.	ď	213.5	$\overline{}$	~	211	206	206	206
12	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37		39				43	44	45

ALIGNMENTS

APPLICANT: BAUGHN; Mariah R.; BECHA, Shanya D.;
APPLICANT: BAUGHN; Mark L.; DUGGAN, Brendan M.;
APPLICANT: BAUGHN; Mark L.; DUGGAN, Brendan M.;
APPLICANT: BAUGHN; Mark L.; DUGGAN, Brendan M.;
APPLICANT: GANDHI, Ameena R.; GORVAD, Ann E.;
APPLICANT: HAFALIA, April J.A.; KHAN, Farrah A.;
APPLICANT: LEE, SCO Yeun; LINDQUIST, Erika A.;
APPLICANT: LEE, SCO Yeun; LINDQUIST, Erika A.;
APPLICANT: LEE, SCO Yeun; LINDQUIST, Erika A.;
APPLICANT: LEE, SCO Yeun; LINDQUIST, Brika A.;
APPLICANT: ARVIZU, Chandra S.; RAMKUMAR, Jayalaxmi;
APPLICANT: ARVIZU, Chandra S.; RAMKUMAR, Jayalaxmi;
APPLICANT: RECIPON Shirley A.; RICHARDSON, Thomas W.;
APPLICANT: SWARNAKA, Anita; TANG, Y. Tom;
APPLICANT: SWARNAKA, Anita; TANG, Y. Tom;
APPLICANT: CHAWLA, Narinder K.; WARREN, Bridget A.;
APPLICANT: YANG, Junming; YAO, Monique G.;
APPLICANT: YUE, Henry; ZEBARJADIAN, Yeganeh
TITLE REFERENCE: PF-1244 USN
CURRENT FILING DATE: 2004-03-31
PRIOR FILING DATE: 2002-10-17
PRIOR FILING DATE: 2002-10-17
PRIOR FILING DATE: 2001-10-19
PRIOR FILING DATE: 2001-10-19
PRIOR FILING DATE: 2001-10-17
PRIOR APPLICATION NUMBER: US 60/345,474
PRIOR APPLICATION NUMBER: US 60/345,474
PRIOR APPLICATION NUMBER: US 60/345,474 APPLICANT: INCYTE CORPORATION; BANDMAN, Olga; FILING DATE: 2001-10-19
APPLICATION NUMBER: US 60/343,910
FILING DATE: 2001-11-02
APPLICATION NUMBER: US 60/333,098 Sequence 49, Application US/10491467 Publication No. US20050186568A1 GENERAL INFORMATION:

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66 PSIIVIILGETLSVYCNLEHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTDIAKYSIGR 125
                                                                                                                                                                                         182 YVQARLCWKWARLLRPTVQFFLVAFALYVGYTRVSDYKHHWSDVLVGLLQGALVAALTVC 241
                                                                                                                                                                                                                       118 YMIGRLKPNFLAVCDPDWSRVNCS-VYVQLEKVCRGNPADVTEARLSFYSGHSSFGMYCM 176
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                                                                                    LKPNFLAVCDPDWSRVNCS-VYVQLEKVCRGNPADVTEARLSFYSGHSSFGMYCMVFLAL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: ZEMIN ZHANG
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TITLE OF INVENTION: TREATMENT OF TUMOR
FILE REFERENCE: P5026R1-US
CURRENT APPLICATION NUMBER: US/10/643,795A
CURRENT FILING DATE: 2003-08-19
PRIOR FILING DATE: 2002-08-19
PRIOR FILING DATE: 2002-08-19
PRIOR FILING DATE: 2002-08-21
PRIOR FILING DATE: 2002-08-21
PRIOR FILING DATE: 2002-09-23
PRIOR FILING DATE: 2002-10-15
PRIOR FILING DATE: 2002-10-15
PRIOR FILING DATE: 2002-11-15
PRIOR FILING DATE: 2003-07-02
PRIOR FILING DATE: 2003-11-15
PRIOR FILING DATE: 2003-11-15
PRIOR FILING DATE: 2003-11-15
PRIOR FILING DATE: 2003-11-15
PRIOR FILING DATE: 2003-07-02
PRIOR PILING DATE: 2003-07-02
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                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 3
US-10-643-795A-136
; Sequence 136, Application US/10643795A
; Publication No. US20040241703A1
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                    245 YVSDFFKERTSFKERKEED 263
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ANDREW POLSON
VICTORIA SMITH
SUSAN D. SPENCER
THOMAS D. WU
ZEMIN ZHANG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GRETCHEN FRANTZ
KENNETH J. HILLAN
PAUL POLAKIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; ORGANISM: Homo sapien
US-10-643-795A-136
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Publication No. US20040146921A1

GENERAL INFORMATION:
APPLICANT: Bayer Pharmaceuticals Corporation
APPLICANT: Bayer Pharmaceuticals
APPLICANT: Bayer Pharmaceuticals
APPLICANT: Bayer Pharmaceuticals
APPLICANT: Bayer Payer
APPLICANT: Bayer Pharmaceuticals
APPLICANT: Bayer Payer
APPLICANT: Bayer PAYER
APPLICANT: Bayer Pharmaceuticals
CURRENT FILING DATE: 2004-01-23
PRIOR FILING DATE: 2003-01-24
NUMBER OF SEQ ID NOS: 191
SOFTWARE: Patentin version 3.2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                VQFFLVAFALYVGYTRVSDYKHHWSDVLVGLLQGALVAALTVCYISDFFKARPPQHCLKE 258
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               • 6.* ATVILVSAGEAYLVYTDRLYSRSDF-NNYVAAVYKVLGTFLFGAAVSQSLTDLAKYMIGR 122
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                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 274;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 92.7%; Score 1347; DB 18; Best Local Similarity 99.6%; Pred. No. 1.3e-127; Matches 255; Conservative 1; Mismatches 0;
                                                                                                                                                                                                                                                                                                                    ) NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No: 7503176CD1
US-10-491-467-49
PRIOR FILING DATE: 2001-11-13
PRIOR APPLICATION NUMBER: US 60/332,424
PRIOR FILING DATE: 2001-11-16
PRIOR APPLICATION NUMBER: US 60/334,288
PRIOR FILING DATE: 2001-11-30
NUMBER OF SEQ ID NOS: 104
SOFTWARE: PERL PROGRAM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      EELERKPSLSLTLTLG 274
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US-10-764-425-157
                                                                                                                                                                                                                                                                  ORGANISM: Homo sapiens
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US-10-764-425-157
                                                                                                                                                                                     SEQ ID NO 49
LENGTH: 274
TYPE: PRT
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ORGANISM: Unknown
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                                                                                                                                                                                                                                         SEQ ID NO 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  177 VFLALYVQARLCWKWARLIRPTVQFFLVAFALYVGYTRVSDYKHHWSDVLVGLLQGALVA 236
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                                                                                                                                                    Sequence 136, Application US/10948518
Publication No. US20050064492A1
GENERAL INFORMATION:
APPLICANT: GRETCHEN FRANTZ
APPLICANT: GRETCHEN FRANTZ
APPLICANT: ANDREW POLSON
APPLICANT: ANDREW POLSON
APPLICANT: ANDREW POLSON
APPLICANT: ANDREW POLSON
APPLICANT: AURENTION: SURTH
APPLICANT: AURENTION: TREATMENT OF TUMOR
TITLE OF INVENTION: TREATMENT OF TUMOR
FILE REFERENCE: PSO26R1-US
CURRENT APPLICATION NUMBER: US/10/643,795
PRIOR FILING DATE: 2002-08-19
PRIOR FILING DATE: 2002-08-19
PRIOR FILING DATE: 2002-08-19
PRIOR FILING DATE: 2002-08-21
PRIOR PELICATION NUMBER: US 60/405,645
PRIOR FILING DATE: 2002-09-23
PRIOR PELICATION NUMBER: US 60/413,192
PRIOR PELICATION NUMBER: US 60/413,192
PRIOR PELICATION NUMBER: US 60/413,995
PRIOR PELICATION NUMBER: US 60/414,959
PRIOR PELICATION NUMBER: US 60/484,959
PRIOR PELING DATE: 2003-01-15
PRIOR PELING DATE: 2003-01-13
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59.1%; Pred. No. 2.4e-73;
tive 42; Mismatches 58;
                                            245 ILVAVÝVŠDFFKERTSFKERKEED 268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ALTVCYISDFFKARPPOHCLKEEE 260
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237 ALTVCYISDFFKARPPQHCLKEEE
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Best Local Similarity 59.14
Matches 156; Conservative
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ORGANISM: Homo sapien
                                                                                                                                          US-10-948-518-136
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RESULT 5 US-10-655-601-1

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66 GLPISSIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTDIAKYSIG 125
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    181 LYVQARLCWKWARLLRPTVQFFLVAFALYVGYTRVSDYKHHWSDVLVGLLQGALVAALTV 240
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  122 RLKPNFLAVCDPDWSRVNCS-VYVQLEKVCRGNPADVTEARLSFYSGHSSFGMYCMVFLA 180
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Sequence 1, Application US/10655601
Publication No. US20040137522A1
GENERAL INFORMATION:
APPLICANT: Feany, Mel B.
APPLICANT: Shulman, Joshua M.
TITLE OF INVENTION: Genes and Proteins Altering Tau-Related Neuropathy
FILE REFERENCE: 7570/73251
CURRENT APPLICATION NUMBER: US/10/655,601
CURRENT FILING DATE: 2003-09-05
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 13, Application US/10812238A
; Publication No. US20050002904A1
; Publication No. US20050002904A1
; GENERAL INFORMATION:
; APPLICANT: Wary, Kishore, K.
; APPLICANT: Humtsoe, Joseph O.
; TITLE OF INVENTION: Uses of Vascular Endothelial Growth Factor
; TITLE OF INVENTION: Uses of Vascular Endothelial Growth Factor
; TITLE OF INVENTION: Uses of Vascular Endothelial Growth Factor
; TITLE OF INVENTION: Uses of Vascular Endothelial Growth Factor
; TITLE OF INVENTION: Uses of Vascular Endothelial Growth Factor
; FILE REFERENCE: D6563
; CURRENT FILING DATE: 2004-03-29
; PRIOR APPLICATION NUMBER: US 60/458,164 '
; PRIOR FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 36
; SEQ ID NO 13
; LENGTH: 311
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 53.4%; Score 776; DB 16; Best Local Similarity 58.5%; Pred. No. 8.2e-70; Matches 152; Conservative 39; Mismatches 65;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       241 CYISDFFKARPPOHCLKEEE 260
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), OTHER INFORMATION: human VCIP
US-10-812-238A-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Homo sapiens
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72 GEAYLVYTDRLYSRSDF-NNYVAAVYKVLGTFLFGAAVSQSLTDLAKYMIGRLKPNFLAV 130
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APPLICANT: Rasteall, Luca,
APPLICANT: Rasteall, Luca,
APPLICANT: Shenoy, Suresh G.,
APPLICANT: Shenoy, Suresh G.,
APPLICANT: Shenoy, Suresh G.,
APPLICANT: Shenoy, Suresh G.,
APPLICANT: Taupter, Jr., Raymond J.,
APPLICANT: Taupter, Jr., Raymond J.,
APPLICANT: Taupter, Corine A.M.,
APPLICANT: Langler, Bryan D.,
APPLICANT: APPLICANTON NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-480C
CURRENT APPLICATION NUMBER: 06/334,421
PRIOR APPLICATION NUMBER: 06/334,421
PRIOR FILING DATE: 2002-01-04
PRIOR FILING DATE: 2002-02-04
PRIOR FILING DATE: 2002-02-03-03
PRIOR FILING DATE: 2002-03-03
PRIOR FILING DATE: 2002-03-03
PRIOR PRILING DATE: 2002-03-03
PRIOR PRILING DATE: 2002-03-03
PRIOR FILING DATE: 2001-03-13
PRIOR FILING DATE: 2001-03-13
PRIOR FILING DATE: 2001-11-30
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                                                                                                                                                                                                                                                                                                                             Li, Li,
Malyankar, Uriel M.,
MacDougall, John R.,
Mezes, Peter S.
Miller, Charles E.,
Millet, Isabelle,
Ooi, Chean Eng,
Ort, Tatiana,
Padigaru, Muralidhara,
Patturajan, Meera,
Rastelli, Luca,
Chaudhuri, Amitabha, DiPippo, Vincent A., Edinger, Shlomit R., Eisen, Andrew, Ellerman, Karen, Gangolli, Esha A., Gorman, Linda, Gerlach, Valerie, Ji, Weizhen, Kekuda, Ramesh,
                                                                                                                                                                                                                                                                                                     Khramtsov, Nikolai
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LENGTH: 221
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                                                                                                                                                                                61 TITATVILVSAGEAYLVYTDRLYSRSDENN-YVAAVYKVLGTFLFGAAVSQSLTDLAKYM 119
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                                                                92 GIVIAILAIITGEFYRIYYLK-KSRSTIQNPYVAALYKQVGCFLFGCAISQSFTDIAKVS 150
                                                                                                                                                                                                                                                                  179 LALYVQARLCWKWARLLRPTVQFFLVAFALYVGYTRVSDYKHHWSDVLVGLLQGALVAAL 238
                                                                                                                                                                                                                                                                                                        210 LVLYLQARFTWRGARLLRPLLQFTLIMMAFYTGLSRVSDHKHHPSDVLAGFAQGALVACC 269
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                                                                                                                                               120 IGRLKPNFLAVCDPDWSRVNCSV-YVQLEKVCRGNPADVTEARLSFYSGHSSFGMYCMVF 178
                               61 TITATVILVSAGEAYLVYTDRLYSRSDFNN-YVAAVYKVLGTFLFGAAVSQSLTDLAKYM 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-10-655-601-2
; Sequence 2, Application US/10655601
; Publication No. US20040137522A1
; GENERAL INFORMATION:
; APPLICANT: Feany, Mel B.
; TITLE OF INVENTION: Genes and Proteins Altering Tau-Related Neuropathy
; TITLE OF TWENTION UMBER: US/10/655,601
; CURRENT APPLICATION NUMBER: US/10/655,601
; CURRENT FILING DATE: 2003-09-05
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 2
; LENGTH: 311
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Best Local Similarity 49.8%; Pred. No. 5.1e-57;
Matches 133; Conservative 48; Mismatches 76; Indels 1
                                                                                                                                                                                                                                                                                                                                                                                                                               270 IVFFVSDLFKTKTTLSLPAPAIRKEIL 296
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ::|| || : || IIVFFVSDLFKTKMTLSLPAPAIRKEIL 296
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                239 TVCYISDFFKARP----PQHCLKEEEL 261
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US-10-287-226-346
; Sequence 346, Application US/10287226
; Publication No. US20040086875A1
; GENERAL INFORMATION:
; APPLICANT: Agee, Michele L.,
; APPLICANT: Alsobrook, John P.,
; APPLICANT: Berghs, Constance,
; APPLICANT: Boldog, Ference,
; APPLICANT: Chant: Catherine E.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Homo sapiens US-10-655-601-2
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APPLICANT: Vencer, J. Craig
APPLICANT: Vencer, J. Craig
APPLICANT: vencer, J. Craig
APPLICANT: vencer, J. Craig
APPLICANT: et al.
TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
TITLE OF INVENTION: DROSOPHILA GENES.
FILE REPERENCE: CL000728
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: 60/157,832
PRIOR APPLICATION NUMBER: 60/160,191
PRIOR PILING DATE: 1999-10-19
PRIOR APPLICATION NUMBER: 60/161,932
PRIOR PILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 60/164,769
PRIOR APPLICATION NUMBER: 60/173,383
PRIOR PILING DATE: 1999-11-28
PRIOR APPLICATION NUMBER: 60/173,383
PRIOR PILING DATE: 1999-12-28
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR APPLICATION NUMBER: 60/194,831
PRIOR PILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: 60/194,831
PRIOR PILING DATE: 2000-03-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                  72 GEAYLVYTDRLYSRSDF-NNYVAAVYKVLGTFLFGAAVSQSLTDLAKYMIGRLKPNFLAV 130
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                190 KWARLLRPTVQFFLVAFALYVGYTRVSDYKHHWSDVLVGLLQGALVAALTVCYISDFFKA 249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gape
                             PRIOR APPLICATION NUMBER: 60/334,027
PRIOR FILING DATE: 2001-11-28
PRIOR APPLICATION NUMBER: 60/331,641
PRIOR FILING DATE: 2001-11-20
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 673
SOFTWARE: CuraSeqList version 0.1
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                                                                                                                                                                                                                                                                                                                                                 43.9%; Score 638.5; DB 15; Length 64.9%; Pred. No. 4.8e-56; live 24; Mismatches 40; Indels
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2046
LENGTH: 372
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; Sequence 2046, Application US/11097143
; Publication No. US20050208558A1
; GENERAL INFORMATION:
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Best Local Similarity 64.94
Matches 124; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            190 KTSFKERKEED 200
                                                                                                                                                                                                                                                    ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-287-226-348
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-11-097-143-2046
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                                                                                                                                                                                                     SEQ ID NO 348
LENGTH: 221
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190 KWARLLRPTVQFFLVAFALYVGYTRVSDYKHHWSDVLVGLLQGALVAALTVCYISDFFKA 249
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TLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: 21402-480C
CURRENT APPLICATION NUMBER: US/10/287,226
CURRENT FILING DATE: 2002-11-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: 60/334,421
PRIOR FILING DATE: 2001-11-30
PRIOR APPLICATION NUMBER: 60/354,392
PRIOR FILING DATE: 2002-02-04
PRIOR APPLICATION NUMBER: 60/360,148
PRIOR FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: 60/364,000
                                                                                                                                                                                                                                                                                                                                           Application US/10287226
o. US20040086875A1
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PRIOR APPLICATION NUMBER: 60/334,526
PRIOR FILLING DATE: 2001-11-30
PRIOR APPLICATION NUMBER: 60/354,409
PRIOR FILLING DATE: 2002-02-04
PRIOR APPLICATION NUMBER: 60/364,227
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APPLICATION NUMBER: 60/404,821
FILING DATE: 2002-08-20
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Vernet, Corine A.M.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Burgess, Catherine E.,
Chant, John S.,
Chaudhuri, Amitabha,
DiPippo, Vincent A.,
Edinger, Shlomit R.,
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Malyankar, Uriel M.,
MacDougall, John R.,
Mezes, Peter S.
Miller, Charles E.,
Millet, Isabelle,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eisen, Andrew,
Ellerman, Karen,
Gangolli, Esha A.,
Gorman, Linda,
Gerlach, Valerie,
Ji, Weizhen,
Kekuda, Ramesh,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Rastelli, Luca,
Rieger, Daniel K.,
Rothenberg, Mark E.,
Shenoy, Suresh G.,
                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Agee, Michele L.,
APPLICANT: Alsobrook, John P.,
APPLICANT: Berghs, Constance,
APPLICANT: Boldog, Ference,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Zerhusen, Bryan D.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         paderna, Steven K
pytek, Kimberley A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     atturajan, Meera,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Ooi, Chean Eng,
                                                                                                                                                                     250 RPPOHCLKEEE 260
                                                                                                                                                                                                                     190 KTSFKERKEED 200
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; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids US-09-925-298-750
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids US-10-102-806-750
                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION: Xaa equals any of the naturally occurring L-amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     19 SLPFAILTLVNAPYKRGFYCGDDSIRYPYRPDTITHGLMAGVTITATVILVSAGEAYLVY 78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             17 SLPFAILTLVNAPYKRGFYCGDDSIRYPYRPDTITHGLMAGVTITATVILVSAGEAYLVY
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Pred. No. 9.3e-36;
0; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Rosen et al. TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
                and Antibodies
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Pred. No. 9.3e-36;
0; Mismatches 3;
                                                   CURRENT APPLICATION NUMBER: US/09/925,298
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05881
PRIOR FILING DATE: 2000-03-08
PRIOR PILING DATE: 1999-03-12
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 846
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 750
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: PAIGNING, FOURTH, FOURTH, FOURTH, FOURTH, FOURENT APPLICATION NUMBER: US/10/102,806
CURRENT FILING DATE: 2002-03-22
PRIOR APPLICATION NUMBER: 09/925,298
PRIOR FILING DATE: 2001-08-10
PRIOR PILING DATE: 2000-03-08
PRIOR FILING DATE: 2000-03-08
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 846
SOFTWARE: Patentin Ver. 2.0
              Nucleic Acids, Proteins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              79 TDRLYSRSDFNNYVAAVYKVLGTFLFG 105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      77 TDRLYSRSDFNNYVAAVYKVLGTSCLG 103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-10-102-806-750
; Sequence 750, Application US/10102806
; Publication No. US20030054421A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 96.6%;
Matches 84; Conservative
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Best Local Similarity 96.6%;
Matches 84; Conservative
                                                                                                                                                                                                                                                                                                          ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: SITE
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Sequence 29445, Application US/10029386

Publication No. US20030194704A1

GENERAL INFORMATION:
APPLICANT: Rank, David R.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR (
TITLE OF INVENTION: EXPRESSION ANALYSIS TWO
FILE REFERENCE: AEOMICA-X-2
CURRENT APPLICATION NUMBER: US/10/029,386
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 34288
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 29445
LENGTH: 89
                                                                                                       117
                                                                                                                                                                                                                                                                                           73 EAYLVYTDRLYSRSDFNNYVAAVYKVLGTFLFGAAVSQSLTDLAKYMIGRLKPNFLAVCD 132
                                                                                                                                                                                                  ::| :| :| :| :| | | | | | | 145 FIVEVIISQNKAKQDNGNATSRRYVFMNYELPDWMIECYKKIGIYAFGAVLSQLTTDIAK 204
                                                                                                                                                                                                                                                                                                                                                                                118 YMIGRLKPNFLAVCDPDWS-----RVNCSVYVQLEKVCRG---NPADVTEARLSFYSG 167
                                                                                                                                                                                                                                                                                                                                                      168 HSSFGMYCMVFLALYVQARLCWKWARLLRPTVQFFLVAFALYVGYTRVSDYKHHWSDVLV 227
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                                                                                                                                                                    ----LVSAGEAYLVYTDRLYSRSDFNNY-----VAAVYKVLGTFLFGAAVSQSLTDLAK
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                                                                          10 LDVLCLLVASLPFAILTLVNAPYKRGFYCGDDSIRYPYRPDTITHGLM--AGVTITATVI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     31.9%; Score 463; DB 14; Length 89; 98.9%; Pred. No. 8.7e-39; ive 1; Mismatches 0; Indels
1.6e-43;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          EXPRESSED IN ADDLT LIVER, SIGNAL = 3.7
EXPRESSED IN PLACENTA, SIGNAL = 5.3
EXPRESSED IN FETAL LIVER, SIGNAL = 4.2
EXPRESSED IN LUNG, SIGNAL = 1.9
EXPRESSED IN HELA, SIGNAL = 8.5
EXPRESSED IN BRAIN, SIGNAL = 4.7
SWISSPROT HIT: Q10022, EVALUE 6.80e-02
                               53; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         133 PDWSRVNCSVYVQLEKVCRGNPADVTEAR 161
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PDWSRVNCSVYVQLEKVCRGNPADVTEAR 89
            Pred. No.
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; Publication No. US20020039764A1
; GENERAL INFORMATION:
; AFPLICANT: Rosen et al.
           39.28;
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Best Local Similarity 98.9
Matches 88; Conservative
                                 Conservative
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OTHER INFORMATION: E;
US-10-029-386-29445
         Best Local Similarity
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US-10-029-386-29445
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US-09-925-298-750
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APPLICANT: Venter, J. Craig

TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID

TITLE OF INVENTION: DROSOPHILA GENES.

TITLE OF INVENTION: DROSOPHILA GENES.

TITLE OF INVENTION: DROSOPHILA GENES.

CURRENT APPLICATION NUMBER: US/11/097,143

CURRENT APPLICATION NUMBER: G0/160,191

PRIOR APPLICATION NUMBER: G0/160,191

PRIOR APPLICATION NUMBER: G0/161,932

PRIOR PILING DATE: 1999-10-28

PRIOR APPLICATION NUMBER: G0/164,769

PRIOR PILING DATE: 1999-11-28

PRIOR APPLICATION NUMBER: G0/175,693

PRIOR PILING DATE: 1999-11-28

PRIOR PILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-01-2

PRIOR FILING DATE: 2000-03-23

NUMBER OF SEQ ID NOS: 43008

SECTIVARE PRESERVE FEASERED FOR WINDOWS VERSION 4.0
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17 SLPFAILTLVNAPYKRGFYCGDDSIRYPYRPDTITHGLMAGVTITATVILVSAGEAYLVY 76
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                                                                                                                                                                                                                     Sequence 14997, Application US/11097143 Publication No. US20050208558A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 15
US-11-097-143-912
; Sequence 912, Application US/11097143
; Publication No. US20050208558A1
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TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
TITLE OF INVENTION: DROSOPHILA GENES.
FILE REFERENCE: CLOOO728
CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT APPLICATION NUMBER: 60/157,832
PRIOR APPLICATION NUMBER: 60/157,832
PRIOR APPLICATION NUMBER: 60/160,191
PRIOR APPLICATION NUMBER: 60/160,191
PRIOR APPLICATION NUMBER: 60/161,932
PRIOR APPLICATION NUMBER: 60/161,932
PRIOR APPLICATION NUMBER: 60/161,932
PRIOR APPLICATION NUMBER: 60/164,769
PRIOR APPLICATION NUMBER: 60/173,383
PRIOR FILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 60/173,383
PRIOR FILING DATE: 2000-01-12
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR APPLICATION NUMBER: 60/194,831
PRIOR FILING DATE: 2000-01-12
PRIOR APPLICATION NUMBER: 60/191,637
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Best Local Similarity 38.7%; Pred. No. ...
Whiches 87; Conservative 33; Mismatches
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Job time : 82.8927 secs
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ORGANISM: DROSOPHILA
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Waste blank (uspto)

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TYPE: PRT
ORGANISM: Homo sapiens
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LENGTH: 233
121
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Sequence 3, Appli
Sequence 53, Appl
Sequence 18, Appl
Sequence 16, Appl
Sequence 17, Appl
Sequence 13, Appl
Sequence 13, Appl
Sequence 15, Appl
Sequence 15, Appl
Sequence 15, Appl
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Sequence 15, Appl
Sequence 12, Appl
Sequence 14, Appl
Sequence 217, App
Sequence 52, Appl
Sequence 1560, A
Sequence 11032, A
Sequence 4116, Ap
Sequence 4141, Ap
Sequence 4141, Ap
Sequence 4025, Appl
Sequence 2017, Appl
                                                                   ; Search time 19.1012 Seconds (without alignments) 1215.413 Million cell updates/sec
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Sequence 1
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1633
1 MQNYKYDKAIVPESKNGGSP......RKEILSPVDIIDRNNHHNMM
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/cgn2_6/ptcdata/1/iaa/6A_COMB.pep:*
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(c) 1993 - 2005 Compugen Ltd.
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US-08-992-035A-3
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US-09-360-376-53
US-09-122-315C-18
US-09-270-767-43247
US-09-360-376-17
US-09-360-376-13
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US-09-360-376-12
US-09-360-376-12
US-09-518-092-217
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US-09-621-976-4116
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US-09-583-110-5017
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US-09-169-205D-24
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Maximum Match 100%
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                             Appli
                                                        Sequence 5, Apr
Sequence 10, Apr
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Sequence 4, Apr
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Sequence 791,
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Sequence 23, Apr
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 55, Application US/09360376

; Batent No. 6495739
; GENERAL INFORMATION:
; APPLICANT: Lassner, Michael
; APPLICANT: Ruezinsky, Diane
; TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
; FILE REFERENCE: 17026/01/US
; CURRENT APPLICATION NUMBER: US/09/360,376
; CURRENT FILING DATE: 1999-07-23
; PRIOR APPLICATION NUMBER: US 09/122,315
; PRIOR FILING DATE: 1998-07-24
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           72.6%; Score 1185; DB 4; Length 233; 98.7%; Pred. No. 4.6e-133; ive 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 54, Application US/09360376
Patent No. 6495739
GENERAL INFORMATION:
APPLICANT: Lassner, Michael
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
US-09-225-024-2

US-09-134-000C-4759

US-09-582-200A-2

US-09-582-200A-10

US-09-274-752D-3

US-09-274-752D-3

US-09-582-200A-4

US-09-582-200A-4

US-09-582-200A-12

US-09-134-001C-3593

US-09-134-001C-3593
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Best Local Similarity 98.7
Matches 225; Conservative
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NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEFAX: 650-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: CA
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       TELEFAX:
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                                                                                                                                                                                                                                                                                                                                                                                                                93 IVIAILAIITGEFYRIYY-LKKSRSTIQNPYVAALYKQVGCFLFGCAISQSFTDIAKVSI
                                                                                                                                                                                                                                                        Query Match 44.4%; Score 724.5; DB 4; Length 282; Best Local Similarity 56.2%; Pred. No. 7.3e-78; Matches 140; Conservative 45; Mismatches 61; Indels 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASESEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/992,035A
FILING DATE: December 17, 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1, Application US/08992035A; Sequence 1, Application US/08992035A; Patent No. 6242179; GENERAL INFORMATION:
APPLICANT: Shah, Purvi
APPLICANT: Hillman, Jennifer L.
APPLICANT: Lal, Preeti
TITLE OF INVENTION: HUMAN PHOSPHATASES
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Dr.
CITY: Palo Alto
STATE: CA
COUNTRY: USA
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
SEQ ID NO 54
LENGTH: 282
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NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0433 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
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MEDIUM TYPE: Diskette
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244 LYVTDFFKT 252
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                                                                                                                                                                            TYPE: PRT
CORGANISM: Rattus sp.
US-09-360-376-54
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125 GRLRPHFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVA 184
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                                                                                                                                                                                                                                                    43.0%; Score 702; DB 3; Length 285; 54.0%; Pred. No. 3.6e-75; iive 40; Mismatches 74; Indels
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ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/992,035A
FILING DATE: December 17, 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 4
US-08-992-035A-3
; Sequence 3, Application US/08992035A
; Patent No. 6242179
; GENERAL INFORMATION:
; APPLICANT: Shah, Purvi
APPLICANT: Corley, Neil C.
APPLICANT: Lal, Preeti
; TITLE OF INVENTION: HUMAN PHOSPHATASES
NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Dr.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PF-0433 US
INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS: LENGTH: 285 amino acid STRANDEDNESS: single TOPOLOGY: linear IMMEDIATE SOURCE: LIBRARY: BLADNOTO6 CLONE: 1719418
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 54.0%
Matches 136; Conservative
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271

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184 LYLQARMKGDWARLLRPMLQFGLIAFSIYVGLSRVSDYKHHWSDVTVGLIQGAAMAILVA 243
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  39 LDLFCLFMAGLPFLIIETSTIKPYHRGFYCNDESIKYPLKTGE-TINDAVLCAVGIVIAI 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 43247, Application US/09270767

Patent No. 6703491

GENERAL INFORMATION:

APPLICANT: Homburger et al.

TITLE OF INVENTION:

FILE REFERENCE: File Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           159 HFLXXCNPDXSXINCSXGYIXXXXCXXGNXXKVXEGRXSFXSGHSSXXFSMYXMLXXXLY
                                                                                                                                                                                                              Sequence 18, Application US/09122315C

Patent No. 6476294

GENERAL INFORMATION:

APPLICANT: Michael W. Lassner

APPLICANT: Diane Ruzinsky

TITLE OF INVENTION: Phosphatidic Acid Phosphatases

FILE REFERENCE: 17026/00/US

CURRENT APPLICATION NUMBER: US/09/122,315C

CURRENT FILING DATE: 1998-07-24

NUMBER OF SEQ ID NOS: 18

SOFTWARE: IBM PC: Windows NT 4.0; Microsoft Word for Windows 7:08

EDENGTH: 323
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: entire conserved region depicted in Figure 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 323;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; LOCATION: (1)..(323)
; OTHER INFORMATION: unsure at all Xaa locations US-09-122-315C-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Xaa means any amino acid US-09-270-767-43247
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Drosophila melanogaster
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244 LYVSDFFK 251
                                                                                  272 FFVSDLFK 279
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                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Lasener, Michael APPLICANT: Lasener, Michael APPLICANT: Lasener, Diane TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES FILE REFERENCE: 17026/01/US CURRENT APPLICATION NUMBER: US/09/360,376 CURRENT FILING DATE: 1999-07-23 PRIOR APPLICATION NUMBER: US 09/122,315 PRIOR FILING DATE: 1998-07-24 NUMBER OF SEQ ID NOS: 55 SOFTWARE: Patentin version 3.0
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                                                                                                                                                                                                                           DB 3;
                                                                                                                                                                                                                      Query Match 42.7%; Score 696.5; DB 3 Best Local Similarity 54.4%; Pred. No. 1.6e-74; Matches 135; Conservative 43; Mismatches 67
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 53, Application US/09360376
Patent No. 6495739
GENERAL INFORMATION:
                SEQUENCE CHARACTERISTICS:
LENGTH: 283 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
INFORMATION FOR SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
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                                                                                                                                         ; LIBRARY: GENBANK
; CLONE: 1487873
US-08-992-035A-3
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Best Local Similarity
Matches 135; Conserv
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Gaps

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RESULT 10
US-09-360-376-13.
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SEQ ID NO 13
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                                                                                                                                                          49 LPFLIIET--STIKPYHR----GFYCNDESIKYPLKTGETINDAVLCAVGIVIALLAIIT 102
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                                                                                           110 YLKKSRSTIQNPY-----VAALYKQVGCFLFGCAISQSFIDIAKVSIGRLRPHFL 159
                                                                                                                                                                                                                                         191 HSPFPKSTMCSGYHLCHLELPTWLVECYHRMGIFIFGLGVEÖLSTNIAKYSIGRLRPHFY 250
                                                                                                                                                                                                                                                                                                                                             VLYLQARFTWRGARLLRPLLQFTLIMMAFYTGLSRVSDHKHHPSDVLAGFAQG---ALVA 267
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3 NYKYD---KAIVPESKNGGS---PALNNNPRRSGSKRVL-LICLDLFCLFMAGLPFL--I
                                                                                                                                                                                                                                                                           160 SVCNPDFSQ-INCSE----GYIQNYRCRGDD---SKVQEARKSFFSGHASFSMYTMLYL
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                                     Gaps
                                   50;
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     Length 412;
Query Match 26.0%; Score 425; DB 4; Length 41:
Best Local Similarity 34.5%; Pred. No. 8.5e-42;
Matches 117; Conservative 58; Mismatches 114; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Lassner, Michael
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT FPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR PILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
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                                                                                                                                                                                                                                                                                                                                                                                                               268 CCIVFFVSDL----FKTKTTLSLPAPAIRKEILSPVDII 302
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Patent No. 6495739
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CRGANISM: Glycine sp.
US-09-360-376-16
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LENGTH: 322
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   156 CFPDGKDVYDKWG---DVICHGDQKVIKEGYKSFPSGHTSGSFSGLGFLSLYLSGKIKAF
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           44 LFMAGLPFLIIETSTIKPYHRGFYCND--ESIKYPLKTGETINDAVLCAVGIVIAILAII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               221 -RGARLLRPLLOFTLIMMAFYTGLSRVSDHKHHPSDVLAGFAQGALVA--CCIVFF 273
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Patent No. 6495739

GENERAL INFORMATION:
APPLICANT: Lassner, Michael
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION:
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR FILING DATE: 1998-07-23

PRIOR FILING DATE: 1998-07-24

NUMBER OF SEQ ID NOS: 55
Sequence 17, Application US/09360376

Patent No. 6495739

GENERAL INFORMATION:

APPLICANT: Lasener, Michael

APPLICANT: Ruezinsky, Diane

TITLE OF INVENTION:

FILE REFERENCE: 17026/01/US

CURRENT APPLICATION NUMBER: US/09/360,376

CURRENT FILING DATE: 1999-07-23

PRIOR FILING DATE: 1998-07-24

NUMBER OF SEQ ID NOS: 55

SOFTWARE: Patentin version 3.0

SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; Score 236; DB 4; Length 34; Pred. No. 2.6e-19; 33; Mismatches 104; Indels
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Best Local Similarity 31.8%;
Matches 75; Conservative 3:
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Best Local Similarity 31.8
Matches 78; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT ORGANISM: Glycine sp
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IGRLRPHFLSVCNPDFSQINCSEGYIQNYRCRGDDSKVQEARKSFFSGHASFSMYTMLYL 210
                                                                                      224 SLYLSGKIKAFNNEGHVAKLCLVIFPLLAACLV-----GISRVDDYWHHWQDVFAGALI 277
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                                                                                                                                                                                                                                                                                                              APPLICANT: Lassner, Michael
APPLICANT: Lassner, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
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APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
                                                                                                                                                                                                                                           US-09-360-376-15; Sequence 15, Application US/09360376; Patent No. 6495739; GENERAL INFORMATION:
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Patent No. 6495739
GENERAL INFORMATION:
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Best Local Similarity 30.,,
".hes 74; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   49 LPFLIIE--TSTIKPYHRGFYCND--ESIKYPLKTGETINDAVLCAVGIVIAIL--AIIT
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                                                                                                                                                                                                                                                                                                ;; Score 221.5; DB 4; Length ;; Pred. No. 1.1e-17; 33; Mismatches 91; Indels
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APPLICANT: Lasener, Michael
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
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30.1%; Pred. No. 1.2e-17;
ive 41; Mismatches 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; Sequence 14, Application US/09360376
; Patent No. 6495739
; GENERAL INFORMATION:
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33.2%;
NUMBER OF SEQ ID NOS: 55
SOFTWARE: PatentIn version
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Best Local Similarity 30.1<sup>5</sup>
Matches 75; Conservative
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                                                                                                                                                TYPE: PRT
ORGANISM: Arabidopsis
                                                                                                                                                                                                                                                                                                                                    Best Local Similarity
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US-09-360-376-12
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                                          SOFTWARE:
SEQ ID NO 12
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Sequence 15661, Application US/09248796A
Patent No. 6747137
GENERAL INFORMATION:
APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
PRIOR FILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 15661
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           111 LKKSRSTIQNPYVAALYKQVGCF---LFGCAISQS----FTDIAKVSIGRLRPHFLSVCN 163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               164 P-----DFSQINCSEGYIQNYRCRGDDSK--VQEARKSFFSGHASFSMYTMLYLVLYL 214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 217, Application US/09538092

Patent No. 6753314

GENERAL INFORMATION:

APPLICANT: Giot, Loic

APPLICANT: Mansfield, Traci A.

TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same

FILE REFERENCE: 1596-542

CURRENT APPLICATION NUMBER: US/09/538,092

CURRENT APPLICATION NUMBER: 60/127,352

PRIOR APPLICATION NUMBER: 60/178,965

PRIOR APPLICATION NUMBER: 60/178,965

PRIOR FILING DATE: 2000-02-01

NUMBER OF SEQ ID NOS: 1387

SOFTWARE: CuraPatSeqFormatter Version 0.9

SEQ ID NO 217

LENGTH: 274
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         91; Indels 42;
                                                                                                                                                                                                                                                                                                                                                                                                                            Length 296;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature; LOCATION: (0)...(0); COTHER INFORMATION: Polypeptide Accession Number YDR503CUS-09-538-092-217
                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 11.5%; Score 187; DB 4; Best Local Similarity 27.4%; Pred. No. 1.5e-13; Matches 64; Conservative 37; Mismatches 91
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                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Candida albicans
                                                                                                                                                                                                                                                                                                                                                                                   US-09-248-796A-15661
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Length 274;

DB 4;

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144 TDIAKVSIGRLRPHFLSVCNPDFSQINCSEGYIQNYRCRGDDSK--VQEARKSFFSGHAS 201
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                                                                                                                                                                                                                                                                                                                                                                                 42 FCLFMAGLPFLIIETSTIKPYHRG----FYCNDESIKYPLKTGETIN--DAVLCAVGIVI
                                                                                                                                                               96 AILAIITGEFYRIYY----LKKSR-----STIQNPYVAALYKQVGCFLFGCAISQSF
                                                                                                                                                                                                                                                                                                          132 TGALKLIIGNLRPDFVDRCIPDLQKMSDSDSLVFGLDICKQTNKWILYEGLKSTPSGHSS
                          Gape
                          41;
; Pred. No. 2.6e-13; 47; Mismatches 107; Indels
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 28.0%;
                          76; Conservative
Best Local Similarity
Matches 76; Conserv
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Search completed: November 2, 2005, 21:48:57 Job time: 20.1012 secs

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                                                                                                                                                                       ; Search time 92.2777 Seconds (without alignments) 1408.915 Million cell updates/sec
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US-10-643-795A-136
US-10-948-518-136
US-10-655-601-1
US-10-491-467-49
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US-11-097-143-2046
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No.
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Sequence 912, Apple Sequence 24018, A Sequence 2701, Apple Sequence 2701, Apple Sequence 2701, Apple Sequence 2701, Apple Sequence 4135, Apple Sequence 125, Apple Sequence 207810, Sequence 201841, Sequence 201841, Sequence 201841, Sequence 201841, Sequence 201841, Sequence 201841, Sequence 21969, A Sequence 21967, A Sequence 21969, A Sequence 21967, A Sequence 21967, A Sequence 21969, A
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Publication No. US20050002904A1

GENERAL INFORMATION:

APPLICANT: Wary, Kishore, K.

APPLICANT: Humtsoe, Joseph O.

TITLE OF INVENTION: Uses of Vascular Endothelial Growth Factor

TITLE OF INVENTION: and Type I Collagen Inducible Protein (VCIP)

FILE REFERENCE: D6563

CURRENT APPLICATION NUMBER: US/10/812,238A

CURRENT FILING DATE: 2004-03-29

PRIOR APPLICATION NUMBER: US 60/458,164

PRIOR FILING DATE: 2003-03-27

NUMBER OF SEQ ID NOS: 36

SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 100.0%; Score 1633; DB 17; Length 311; Best Local Similarity 100.0%; Pred. No. 4.2e-165; Matches 311; Conservative 0; Mismatches 0; Indels 0;
20 US-11-097-143-41346
20 US-11-097-143-913-912
20 US-11-097-143-912
20 US-11-097-143-912
20 US-11-097-143-912
20 US-10-343-357-5
20 US-10-094-749-2701
20 US-10-094-749-2701
20 US-11-097-143-41352
30 US-11-097-143-41349
5 US-10-108-260A-2833
6 US-11-097-143-41349
5 US-10-103-313-490
5 US-10-103-313-490
5 US-10-103-313-493
4 US-10-103-313-493
5 US-10-103-313-493
6 US-10-425-114-47060
1 US-10-425-115-203640
1 US-10-425-115-203640
1 US-10-425-115-203640
1 US-10-425-115-203640
1 US-10-425-114-41280
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; OTHER INFORMATION: human VCIP
US-10-812-238A-13
     LENGTH: 311
TYPE: PRT
ORGANISM: Unknown
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PYHRGFYCNDESIKYPLKTGETINDAVLCAVGIVIAILAIITGEFYRIYYLKKSRSTIQN 120

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Sequence 136, Application US/10643795A Publication No. US20040241703A1 GENERAL INFORMATION:
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Best Local Similarity 57.1%;
Matches 144; Conservative 3
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PAUL POLAKIS
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VICTORIA SMITH
SUSAN D. SPENCER
THOMAS D. WU
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244 VYVSDFFKERTS 255
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                                                                                                                                                                                                             ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-764-425-157
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US-10-643-795A-136
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PYHRGFYCNDESIKYPLKTGETINDAVLCAVGIVIAILAIITGEFYRIYYLKKSRSTIQN 120
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Publication No. US20040137522A1
GENERAL INFORMATION:
APPLICANT: Feany, Mel B.
APPLICANT: Shulman, Joshua M.
TITLE OF INVENTION: Genes and Proteins Altering Tau-Related Neuropathy FILLE REFERENCE: 7570/73251
CURRENT APPLICATION NUMBER: US/10/655,601
CURRENT FILLING DATE: 2003-09-05
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin version 3.1
SEQ ID NO 2
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99.7%; Pred. No. 1.8e-164;
iive 0; Mismatches 1;
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US-10-764-425-157
; Sequence 157, Application US/10764425
; Publication No. US20040146921A1
; GENERAL INFORMATION:
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Matches 310; Conservative
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US-10-655-601-2
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TYPE: PRT
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10-655-601-2
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APPLICANT: ENGWOOD, Douglas
APPLICANT: Taylor, Ian
TITLE OF INVENTION: EXPRESSION PROFILES FOR COLON CANCER AND METHODS OF USE
FILE REFERENCE: 5151
CURRENT APPLICATION NUMBER: US/10/764,425
CURRENT APPLICATION NUMBER: 60/442,582
PRIOR APPLICATION NUMBER: 60/442,582
PRIOR PILING DATE: 2003-01-24
NUMBER OF SEQ ID NOS: 191
SOFTWARE: Patentin version 3.2
SEQ ID NO 157
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TITLE OF INVENTION: TREATMENT OF TUMOR
FILE REFERENCE: P5026R1-US
CURRENT APPLICATION NUMBER: US/10/643,795A
CURRENT APPLICATION NUMBER: US 60/404,809
PRIOR APPLICATION NUMBER: US 60/404,809
PRIOR FILING DATE: 2002-08-19
PRIOR FILING DATE: 2002-08-21
PRIOR FILING DATE: 2002-09-21
PRIOR APPLICATION NUMBER: US 60/413,192
PRIOR FILING DATE: 2002-09-23
PRIOR FILING DATE: 2002-10-15
PRIOR PELICATION NUMBER: US 60/426,847
PRIOR FILING DATE: 2002-10-15
PRIOR FILING DATE: 2002-11-15
PRIOR FILING DATE: 2003-07-02
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89 CAVGIVIAILAIITGEFYRIY-YLKKSRSTIQNPYVAALYKQVGCFLFGCAISQSFTDIA 147
                                                                                                                                                                                                                                                148 KVSIGKLRPHFLSVCNPDFSQINCSEGYIQNYRCRGDDSKVQEARKSFFSGHASFSMYTM 207
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; Sequence 1, Application US/10655601
; Publication No. US20040137522A1
; GENERAL INFORMATION:
; APPLICANT: Shulman, Joshua M.
; TITLE OF INVENTION: Genes and Proteins Altering Tau-Related Neuropathy; FILE REFERENCE: 7570/73251
; CURRENT APPLICATION NUMBER: US/10/655,601
; CURRENT FILING DATE: 2003-09-05
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
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                       Indels
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54.0%; Pred. No. 6.5e-66;
tive 40; Mismatches 74;
Best Local Similarity 56.2%; Pred. No. 5.7e-67; Matches 144; Conservative 37; Mismatches 69
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US-10-491-467-49
; Sequence 49, Application US/10491467
; Publication No. US20050186568A1
; GENERAL INFORMATION:
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Matches 136; Conservative
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245 VYVSDFFKERTS 256
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ORGANISM: Homo sapiens
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US-10-655-601-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LYLVLYLQARFTWRGARLLRPLLQFTLIMMAFYTGLSRVSDHKHHPSDVLAGFAQGALVA 267
                                                                                                                                                                                                                                                                                                                                                                                                               33 RVLLICLDLFCLFMAGLPFLIIE----TSTIKPYHRGFYCNDESIKYPLKTGETINDAVL
                                                                                                                                                                                                                                                  TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND TITLE OF INVENTION: TREATMENT OF TUMOR FILE REFERENCE: P5026R1-US CURRENT APPLICATION NUMBER: US/10/948,518 CURRENT FILING DATE: 2004-09-22
                                                                                                                                                                                    9
                                                                                                                                        Query Match
43.6%; Score 712; DB 16; Length 289;
Best Local Similarity 56.2%; Pred. No. 5.7e-67;
Matches 144; Conservative 37; Mismatches 69; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          43.6%; Score 712; DB 17; Length 289;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT FILING DATE: 2004-09-22
PRIOR PELLING DATE: 2004-09-22
PRIOR PELLING DATE: 2003-08-19
PRIOR PILING DATE: 2003-08-19
PRIOR PILING DATE: 2002-08-19
PRIOR PILING DATE: 2002-08-19
PRIOR PILING DATE: 2002-08-19
PRIOR PILING DATE: 2002-08-21
PRIOR PILING DATE: 2002-08-21
PRIOR PILING DATE: 2002-09-23
PRIOR PILING DATE: 2002-10-15
PRIOR PILING DATE: 2002-10-15
PRIOR PILING DATE: 2002-11-15
PRIOR PILING DATE: 2002-11-15
PRIOR PILING DATE: 2003-07-02
NUMBER OF SEQ ID NOS: 158
SEQ ID NO 136
LENGTH: 289
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-10-948-518-136
; Sequence 136, Application US/10948518
; Publication No. US20050064492A1
; GENERAL INFORMATION:
; APPLICANT: FREDERIC J. DESAUVAGE
; APPLICANT: GRETCHEN FRANTZ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                : :|| || :|:
245 ILVAVYVSDFFKERTS 260
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: KENNETH J. HILLAN
APPLICANT: PAUL POLAKIS
APPLICANT: ANDREW POLSON
APPLICANT: VICTORIA SMITH
APPLICANT: SUSAN D. SPENCER
APPLICANT: THOMAS D. WU
APPLICANT: ZEMIN ZHANG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      268 CCIVFFVSDLFKTKTT 283
NUMBER OF SEQ ID NOS: 158
                                                                            ORGANISM: Homo sapien
                                                                                    ;
US-10-643-795A-136
                                                                                                                                                                                                                                                                                                                                                                                        148
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APPLICANT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 227 RPLLOFTLIMMAFYTGLSRVSDHKHHPSDVLAGFAQGALVACCIVFFVSDLFKTKTTLSL 286
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                49 LPFLIIETSTIKPYHRGFYCNDESIKYPLKTGETINDAVLCAVGIVIAILAIITGEFYRI 108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          109 YYLK-KSRSTIQNPYVAALYKOVGCFLFGCAISOSFTDIAKVSIGRLRPHFLSVCNPDFS 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    168 QINCSEGYIQNYR-CRGDDSKVQEARKSFFSGHASFSMYTMLYLVLYLQARFTWRGARLL 226
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          70; Indels 10; Gaps
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            APPLICANT: INCITE CORPORATION; BANDMAN, O198;
APPLICANT: BAUGHN, Mariah R.; BECHA, Shanya D.;
APPLICANT: BOROWSKY, Mark L.; BUGGAN, Brendan M.;
APPLICANT: BOROWSKY, Mark L.; BUGGAN, Brendan M.;
APPLICANT: GANDHI, Ameena R.; GORVAD, Ann E.;
APPLICANT: GANDHI, Ameena R.; GORVAD, Ann E.;
APPLICANT: HAFALIA, April J.A.; KHAN, Farrah A.;
APPLICANT: LAL, Preeti G.; LEE, Ernestine A.;
APPLICANT: LAL, Preeti G.; LEE, Ernestine A.;
APPLICANT: LU, Dyung Aina M.; LU, Yan;
APPLICANT: LU, Dyung Aina M.; LU, Yan;
APPLICANT: ARVIZU, Chandra S.; RAMKUMAR, Jayalaxmi;
APPLICANT: SWARNAKAR, Anita; TANG, Y. Tom;
APPLICANT: SWARNAKAR, Anita; TANG, Y. Tom;
APPLICANT: THORNTON, Michael B.; TRAN, Uyen K.;
APPLICANT: THORNTON, Michael B.; TRAN, Uyen C.;
APPLICANT: YUE, Henry; ZEBARJADIAN, Yeganeh
TITLE OF INVENTION: KINASES AND PHOSPHATASES
FILE REFERENCE: PF-1244 USN
CURRENT APPLICATION NUMBER: US/10/491,467
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc feature
CTHER INFORMATION: Incyte ID No: 7503176CD1
US-10-491-467-49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT FILING DATE: 2004-03-31

PRIOR PELICATION NUMBER: PCT/USO2/33723

PRIOR PILING DATE: 2002-10-17

PRIOR PELING DATE: 2002-10-17

PRIOR PILING DATE: 2001-10-19

PRIOR FILING DATE: 2001-11-0-19

PRIOR FILING DATE: 2001-11-0-19

PRIOR APPLICATION NUMBER: US 60/333,098

PRIOR APPLICATION NUMBER: US 60/332,424

PRIOR FILING DATE: 2001-11-16

PRIOR FILING DATE: 2001-11-16
INCYTE CORPORATION; BANDMAN,
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US-10-287-226-346
; Sequence 346, Application US/10287226
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 49
LENGTH: 274
TYPE: PRT
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APPLICANT: Zernusen, Bryan D.,
APPLICANT: Zernusen, Bryan D.,
APPLICANT: Zernusen, Bryan D.,
APPLICANT: Zernusen, Mei
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
TITLE REFERENCE: 21402-480C
CURRENT APPLICATION NUMBER: US/10/287,226
CURRENT FILING DATE: 2002-11-30
PRIOR PILING DATE: 2002-02-04
PRIOR PLICATION NUMBER: 60/354,392
PRIOR FILING DATE: 2002-02-04
PRIOR FILING DATE: 2002-02-04
PRIOR FILING DATE: 2002-03-13
PRIOR PILING DATE: 2002-03-13
PRIOR PILING DATE: 2002-03-13
PRIOR PLING DATE: 2002-03-13
PRIOR PILING DATE: 2002-03-05
PRIOR PLING DATE: 2002-03-05
PRIOR PLING DATE: 2002-03-05
PRIOR PLING DATE: 2002-03-05
PRIOR PLING DATE: 2002-03-04
PRIOR PLING DATE: 2002-03-05
PRIOR PLING DATE: 2002-03-05
PRIOR PLING DATE: 2002-03-05
PRIOR PLING DATE: 2002-03-05
PRIOR PLING DATE: 2001-11-28
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Spytek, Kimberley A.,
Taupier, Jr., Raymond J.,
Vernet, Corine A.M.,
                                                                                                                                                Burgess, Catherine E.,
Chant, John S.,
Chaudhuri, Amitabha,
DiPippo, Vincent A.,
Edinger, Shlomit R.,
Eisen, Andrew,
Ellerman, Karen,
Gangolli, Esha A.,
Gorman, Linda,
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Malyankar, Uriel M.,
MacDougall, John R.,
Mezes, Peter S.
Miller, Charles E.,
Millet, Isabelle,
Ooi, Chean Eng,
Ort, Tatiana,
APPLICANT: Agee, Michele L.,
APPLICANT: Alsobrook, John P.,
APPLICANT: Berghs, Constance,
APPLICANT: Boldog, Ference,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Zerhusen, Bryan D.,
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Rastelli, Luca,
Rieger, Daniel K.,
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Shenoy, Suresh G.
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; ORGANISM: Homo sapiens
US-10-287-226-346
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35.2%; Score 574.5; DB 15; Length 221;

Query Match

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GRGANISM: Homo Bapiens
US-10-287-226-348
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188 KERTS 192
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                                                                                                                                                                                                                                                                    SEQ ID NO 348
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                                                 100 IITGEFYRIY-YLKKSRSTIQNPYVAALYKQVGCFLFGCAISQSFTDIAKVSIGRLRPHF 158
                                                                                                                                     219 TWRGARLLRPLLOFTLIMMAFYTGLSRVSDHKHHPSDVLAGFAGGALVACCIVFFVSDLF 278
                                                                                                                                                                                                   159 LSVCNPDFSQINCSEGYIQNYRCRGDDSKVQEARKSFFSGHASFSMYTMLYLVLYLQARF 218
                                                                        1; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Zhong, Mei
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-480C
CURRENT APPLICATION NUMBER: US/10/287,226
CURRENT FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: 60/334,421
PRIOR FILING DATE: 2001-11-30
                    46; Indels
61.1%; Pred. No. ....
tive 25; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 60/354,392
FILING DATE: 2002-02-04
APPLICATION NUMBER: 60/360,148
FILING DATE: 2002-02-27
APPLICATION NUMBER: 60/364,000
                                                                                                                                                                                                                                                                                                                                                                   Sequence 348, Application US/10287226
Publication No. US20040086875A1
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Vernet, Corine A.M.,
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Malyankar, Uriel M.,
MacDougall, John R.,
Mezes, Peter S.
Miller, Charles E.,
Millet, Isabelle,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Burgess, Catherine E.,
Chant, John S.,
Chaudhuri, Amitabha,
DiPippo, Vincent A.,
Edinger, Shlomit R.,
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Ort, Tatiana,
Padigaru, Muralidhara,
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Rastelli, Luca,
Rieger, Daniel K.,
Rothenberg, Mark E.,
Shenoy, Suresh G.,
                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Agee, Michele L.,
APPLICANT: Alsobrook, John P.,
APPLICANT: Berghs, Constance,
APPLICANT: Boldog, Ference,
APPLICANT: Burgess, Catherine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Eisen, Andrew,
Ellerman, Karen,
Gangolli, Esha A.,
Gorman, Linda,
Gerlach, Valerie,
Ji, Weizhen,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Spaderna, Steven K.
Spytek, Kimberley A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Khramtsov, Nikolai,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Zerhusen, Bryan D.,
  Best Local Similarity 61.1%
Matches 113; Conservative
                                                                                                                                                                                                                                                                          188 KERTS 192
                                                                                                                                                                                                                                                  279 KTKTT 283
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us-08-842-827-6.rapb

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ORGANISM: DROSOPHILA
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Best Local Similarity
Matches 96; Conserv
                                                                                                                                                                                                                                                                                                                                                                          275 SDLF 278
                                                                                                                                                                                                                                                                                                                                                                                                              ARMF 292
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LENGTH: 341
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                                                                                                                                                                                                                              136 GCAISQSFTDIAKVSIGRLRPHFLSVCNPDFSQ-----INCSEGYIQNYRCRGDDSK- 187 | : | | | | | | | | | | | | | | | | |
                                                                                                                                                                                                                                                                                                                                                                           90 AVGIVIAILAIITGEFYRIYYLKKSRSTION-------PYVAALYKOVGCFLF 135
                                                                                                                                                                                                                                                                                                      --VQEARKSFFSGHASFSMYTMLYLVLYLQARFTWRGARLLRPLLQFTLIMMAFYTGLSR 245
                                                                                                                                                                                                       31 SKRVLL-ICLDLFCLFWAGLPFLIIETSTIKPYHRGFYCNDESIKYPLKTGETINDAVLC 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        246 VSDHKHHPSDVLAGFAQGALVACCIVFFVSDLFKTKTTLSLPAPAIRKEILSPVDII 302
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: et al.
TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
TITLE OF INVENTION: DROSOPHILA GENES.
FILE REFERENCE: CL000728
CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT FILING DATE: 2005-04-04
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                                                                                                                                                                     30; Gaps
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                                                                                                                                                                   Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 26.1%; Score 426; DB 20;
Best Local Similarity 34.2%; Pred. No. 2.2e-36;
Matches 104; Conservative 67; Mismatches 95;
                                                                                                                                                                      96;
                                                                                                                              Query Match 32.6%; Score 532; DB 20; Best Local Similarity 41.8%; Pred. No. 1.2e-47; Matches 124; Conservative 47; Mismatches 96;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRENT FILLING DATE: 2005-04-04

PRIOR PPLICATION NUMBER: 60/157,832

PRIOR FILING DATE: 1999-10-05

PRIOR PPLICATION NUMBER: 60/160,191

PRIOR PPLICATION NUMBER: 60/161,932

PRIOR PPLICATION NUMBER: 60/161,932

PRIOR FILING DATE: 1999-10-28

PRIOR FILING DATE: 1999-11-12

PRIOR FILING DATE: 1999-11-2

PRIOR FILING DATE: 1999-11-2

PRIOR FILING DATE: 1999-12-28

PRIOR FILING DATE: 1999-12-28

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-03-24

PRIOR FILING DATE: 2000-03-24

PRIOR FILING DATE: 2000-03-23

NUMBER OF SEQ ID NOS: 43008

SOFTWARE: FABLSEQ for Windows Version 4.0

LENGTH: 340

LENGTH: 340
SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 2046
LENGTH: 372
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 14997, Application US/11097143
Publication No. US20050208558A1
GENERAL INFORMATION:
                                                                        ) ORGANISM: DROSOPHILA US-11-097-143-2046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DROSOPHILA
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US-11-097-143-14997
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APPLICANT: et al.

TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID

TITLE OF INVENTION: DEROSOPHILA GENES.

TITLE OF INVENTION: DEROSOPHILA GENES.

TITLE OF INVENTION: DROSOPHILA GENES.

TITLE OF INVENTION: DROSOPHILA GENES.

FILE REFERENCE: CLO00728

CURRENT APPLICATION NUMBER: US/11/097,143

CURRENT FILING DATE: 1999-10-05

PRIOR FILING DATE: 1999-10-19

PRIOR FILING DATE: 1999-10-19

PRIOR FILING DATE: 1999-10-19

PRIOR FILING DATE: 1999-11-12

PRIOR APPLICATION NUMBER: 60/161,932

PRIOR APPLICATION NUMBER: 60/161,932

PRIOR APPLICATION NUMBER: 60/163,383

PRIOR FILING DATE: 1999-11-12

PRIOR FILING DATE: 1999-11-12

PRIOR FILING DATE: 1999-11-2

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-01-24

PRIOR FILING DATE: 2000-02-24

PRIOR FILING DATE: 2000-03-23

**MINDER: COLD TO NOTE: 2000-03-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               114 SRSTIQNPY-VAALYKQVGCFLFGCAISQSFTDIAKVSIGRLRPHFLSVCN---PDFSQI 169
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           115 R----STIQ-----NPYVAALYKQVGCFLFGCAISQSFTDIAKVSIGRLRPHFLSVCN 163
                                                                                                                                                                                                                                                                                                                                  164 PDFSQIN-CSE-----GYIQNYRCRGDD---SKVQEARKSFFSGHASFSMYTMLYLVLYL 214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            QARFTWRGARLLRPLLQFTLIMMAFYTGLSRVSDHKHHPSDVLAGFAQGALVACCIVFFV 274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           229 QRKITWRGSKLSRHFVQFAVVMVAWYTALSRVMDHWHHWSDVLSGSLLGVAGALITAHYI 288
                                                                                                                                            56 TSTIKPYHRGFYCNDESIKYPLKTGETINDAVL-CAVGIVIAILAIITGEFYRIYYLKKS 114
                                         MONYKYDKAI---VPESKNGGSPALNNNPR--RSGSKRVLLICLDLFCLFMAGLPFLIIE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 41346, Application US/11097143
Publication No. US20050208558A1
GENERAL INFORMATION:
APPLICANT: Venter, J. Craig
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209 VSKLLKHLLQFLFVMFGWYVSLTRIIDYYHHWSDVLAGAALGVVFAWLTSAYVADLFAGK 268
                                                                                  222 GARLLRPLLOFTLIMMAFYTGLSRVSDHKHHPSDVLAGFAQGALVACCIVFFVSDLFKTK 281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        64 RGFYCNDESIKYPLKTGETINDAVLCAVGIVIAILAIITGEFYR----IYYLKKSRSTIQ 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             120 NPY------VAALYKQVGCFLFGCAISQSFTDIAKVSIGRLRPHFLSVCNPDFSQ- 168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                169 INCSE-----GYIQNYRCRGDD---SKVQEARKSFFSGHASFSMYTMLYLVLYLQARFTW 220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 170 NCSEG----YIQNYRCRG---DDSKVQEARKSFFSGHASFSMYTMLYLVLYLQARFTWR 221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: et al.
TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
TITLE OF INVENTION: DROSOPHILA GENES.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 221 RGARLLRPLLOFTLIMMAFYTGLSRVSDHKHHPSDVLAGFAQGALVACCI 270
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 23.9%; Score 390; DB 20; Length 246; Best Local Similarity 38.3%; Pred. No. 9.6e-33; Matches 88; Conservative 43; Mismatches 75; Indels 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE KEFERENCE: CLUOO/28

CURRENT APPLICATION NUMBER: US/11/097,143

CURRENT FILING DATE: 2005-04-04

PRIOR APPLICATION NUMBER: 60/157,832

PRIOR FILING DATE: 1999-10-05

PRIOR FILING DATE: 1999-10-19

PRIOR FILING DATE: 1999-10-28

PRIOR FILING DATE: 1999-11-12

PRIOR PELING DATE: 1999-11-12

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-01-24

PRIOR FILING DATE: 2000-03-23

NUMBER OF SEQ ID NOS: 43008

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 912

LENGTH: 246
                                                                                                                                                                                                                                                                                                                           Application US/11097143
o. US20050208558A1
                                                                                                                                                                       282 -- TTLSLPAPAIRKEILSP 298
                                                                                                                                                                                                                269 RWPKTGYSANTLRKPQVSP 287
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RESULT 14

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APPLICANT: HODGSON, David M. APPLICANT: LINCOLN, Stephen B. APPLICANT: LINCOLN, Stephen B. APPLICANT: LINCOLN, Stephen B. APPLICANT: JACKSON, Stuart
TITLE OF INVENTION: MOLECULES FOR DISEASE DETECTION AND TREATMENT
FILE REFERENCE: PT-1133 PCT
CURRENT APPLICATION NUMBER: US/10/204,921
CURRENT FILING DATE: 2002-08-23
PRIOR APPLICATION NUMBER: 60/185,213; 60/205,285; 60/205,232; 60/205,323; 60/205,287
60/205,324; 60/205,286
PRIOR FILING DATE: 2000-02-24; 2000-05-17; 2000-05-16; 2000-05-17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           78 KTGET---INDAVLCAVGIVIAILAIITGEFYRIYYLKKSRSTI--------QN 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              61 PGTEBESFITPLVLYCVLAATPTAIIFIGEI-SMYFIKSTRESLIAQEKTILTGECCYLN 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3 AVGNNTQRSYSIIPCFIFVEL--VIMAGTVLLAYYFECTDTFQVHIQGFFCQDGDLMKPY 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       21 ALMNNPRRSGSKRVLLICLDLFCLFMAG---LPFLIIETSTIKPYHRGFYCNDESIKYPL 77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 22.1%; Score 361.5; DB 17; Length 326; Best Local Similarity 30.7%; Pred. No. 1.5e-29; Matches 99; Conservative 58; Mismatches 131; Indels 35;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No: LG:403872.1.orf3:2000MAY19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LIU, Tommy F.
ROSEBERRY, Ann M.
ROSEN, Bruce H.
RUSSO, Frank D.
STOCKDREHER, Theresa K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CTHER INFORMATION: unknown or other US-10-204-921-58
Application US/10204921 to. US20050095587A1
                                                                  APPLICANT: INCYTE GENOMICS, INC.
APPLICANT: PANZER, SCOCT R.
APPLICANT: SPIRO, Peter A.
APPLICANT: BANVILLE, Steven C.
APPLICANT: CHALUP, Michael S.
APPLICANT: CHALUP, Michael S.
APPLICANT: CHANG, Simon C.
APPLICANT: CHEN, Alice
APPLICANT: D'SA, Steven A.
APPLICANT: DAHL, Christopher R.
APPLICANT: DAHL, Christopher R.
APPLICANT: DAM, Tam C.
APPLICANT: DAM, Tam C.
APPLICANT: DAMICES, Susan E.
APPLICANT: FLORES, Vincent
                                                                                                                                                                                                                                                                                                                                                                                                                                                            FONG, Willy T. GREENAWALT, Lila B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DAFFO, Abel
WRIGHT, Rachel J.
YAP, Pierre E.
YU, Jimmy Y.
BRADLEY, Diana L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                HILLMAN, Jennifer
JONES, Anissa L.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CHEN, Wensheng
COHEN, Howard
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LOCATION: 294
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## APPLICANI: et al.

TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: DECOPOLIA GENES.

TITLE OF INVENTION: DROSOPHILA GENES.

TITLE OF INVENTION: DROSOPHILA GENES.

FILE REFERENCE: CLO0078

CURRENT APPLICATION NUMBER: 0/157,143

CURRENT FILING DATE: 1999-10-05

PRIOR FILING DATE: 1999-10-19

PRIOR FILING DATE: 1999-10-19

PRIOR FILING DATE: 1999-10-19

PRIOR FILING DATE: 1999-11-12

PRIOR FILING DATE: 1999-11-12

PRIOR FILING DATE: 1999-11-2

PRIOR FILING DATE: 1999-12-28

PRIOR FILING DATE: 1999-12-28

PRIOR FILING DATE: 1999-12-24

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-02-24

PRIOR FILING DATE: 2000-02-24

PRIOR FILING DATE: 2000-02-24

PRIOR FILING DATE: 2000-03-23

NUMBER OF SEQ ID NOS: 430008

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NOS: 43018

"WODE: DATE: DATE

TUDE: DATE

TUDE: DATE

PRIOR PRIOR PRIOR DATE: 2000-03-23

NUMBER OF SEQ ID NOS: 43008

SEQ ID NOS: 43008

TUDE: DATE

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                                  179 YR-CRGDDSKVQEARKSFFSGHASFSMYTMLYLVLYLQARFTWRGARLLRPLLQFTLIMM 237
                                                                                                                                                                                                                                                                                                 240 AFLTGLNRVSEYRNHCSDVIAGFILGTAVALFLGMCVVHNFKGTQGSPSKPKPEXPRGVP 299
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      62 YHRGFYCNDESIKYPLKTGETINDAVLCAVGIVIAILAIITGEFYRIYYLKKSRSTIQNP 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       122 YVAALYKQVGCFLFGCAISQSFTDIAKVSIGRLRPHFLSVCNP-----DFSQINCSEGY 175
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   176 IQNYRCRGDD---SKVQEARKSFFSGHASFSMYTMLYLVLYLQARFTWR---GARLLRPL 229
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LOFTLIMMAFYTGLSRVSDHKHHPSDVLAGFAQGALVACCIVFFVSDLFKTKTTLSLPAP 289
PYVAALYKQVGCFLFGCAISQSFTDIAKVSIGRLRPHFLSVCNPDFSQINCS--EGYIQN 178
                                                                                                                                                                                                                                                                 238 AFYTGLSRVSDHKHHPSDVLAGFAQGALVACCIVFFVSDLFK-TKTTLSLPAPAIRK--- 293
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       57
                                                                                                                                                                         99; Indels 28; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 24018, Application US/11097143
Publication No. US20050208558A1
GENERAL INFORMATION:
APPLICANT: Venter, J. Craig
APPLICANT: et al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                             300 LMAFPRIESPLETLSAONHSASM 322
                                                                                                                                                                                                                                                                                                                                                                                                  ----EILSPVDIIDRNNHHNMM 311
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Best Local Similarity 33.24
Matches 87; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; ORGANISM: DROSOPHILA US-11-097-143-24018
  121
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Qy 290 AIRKEILSPVDIIDRNNHHNMM 311
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Db 236 -----PSLNYSHHLHHQLM 249
Search completed: November 2, 2005, 22:16:38
Job time: 93.2777 secs
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Query Match
Best Local Similarity 98.6
Matches 281; Conservative
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217, App
15661, A
4116, Ap
2536, Ap
6, Appli
5, Appli
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1215.413 Million cell updates/sec
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                                                                              2, 2005, 21:27:15 ; Search time 17.5043 Seconds
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/cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
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/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd
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US-08-992-035A-3
US-09-360-376-53
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US-09-360-376-55
US-09-360-376-13
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US-09-710-279-2536
US-09-815-923-6
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Match Length
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181.5
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3 US-09-034-756-20

4 US-09-952-572-9

4 US-09-902-540-16491

4 US-09-949-016-8280

US-09-949-016-8280
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STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/992,035A
FILING DATE: December 17, 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REJESPAN: 650-855-0555
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Shah, Purvi
APPLICANT: Shah, Purvi
APPLICANT: Hillman, Jennifer L.
APPLICANT: Corley, Neil C.
APPLICANT: Lal, Preeti
TITLE OF INVENTION: HUMAN PHOSPHATASES
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Dr.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Incyte Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                            ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                               Sequence 1, Application US/08992035A Patent No. 6242179 GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 285 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: BLADNOTO6
CLONE: 1719418
2894
2894
33011
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3012
662
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Gaps

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Length 285; Indels

99.1%; Score 1485; DB 3; 98.6%; Pred. No. 1.7e-152; iive 1; Mismatches 3;

us-08-842-827-4.rai

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118 IAKYTIGSLRPHFLAICNPDWSKINCSDGYIEDYICQGNEEKVKEGRLSFYSGHSSFSMY 177
                                                                                                                                                                                                                                                                                      178 CMLFVALYLQARMKGDWARLLRPMLQFGLIAFSIYVGLSRVSDYKHHWSDVTVGLIQGAA 237
                                                                                                                                                                                                                                                           179 CMLFVALYLQARMKGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGAL 238
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MFDKTRLPYVALDVLCVLLASMPMAVLKLGQIYPFQRGFFCKDNSINYPYHDSTAASTVL 60
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                                                                                   61 ILVGVGLPVSSII--LGETLSVYCNLLHSNSFISNNYIATIYKAIGTFLFGAAASQSLTD
                                                                                                                                                                       119 IAKYSIGRLRPHFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; Sequence 53, Application US/09360376; Patent No. 6495739; GENERAL INFORMATION:
; Patent No. 6495739; GENERAL INFORMATION:
; APPLICANT: Lassner, Michael
; APPLICANT: Ruezinsky, Diane
; TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
; FILE REFERENCE: 17026/01/US
; CURRENT APPLICATION NUMBER: US/09/360,376
; CURRENT PILING DATE: 1999-07-23
; PRIOR APPLICATION NUMBER: US 09/122,315
; PRIOR APPLICATION NUMBER: US 09/122,315
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 53
; LENGTH: 283
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73.5%; Pred. No. 2.6e-111;
tive 30; Mismatches 40;
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US-09-360-376-54
; Sequence 54, Application US/09360376
; Patent No. 6495739
; GENERAL INFORMATION:
; APPLICANT: Lassner, Michael
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Best Local Similarity 73.5%
Matches 211; Conservative
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US-09-360-376-53
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                 MFDKTRLPYVALDVLCVLLASMPMAVLKLGQIYPFQRGFFCKDNSINYPYHDSTAASTVL
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                                                                                                                                                                                                                                                                                                                                                                                               241 ILVAVYVSDFFKERTSFKERKEEDSHTTLHETPTTGNHYPSNHQP 285
                                                                                                                                                                                                                                                                                                                                                                      ILVAVYVSDFFKERTSFKERKEEDSHTTLHETPTTGNHYPSNHQP 285
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER EADABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/992,035A
FILING DATE: December 17, 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REGISTRATION NUMBER: 36,749
REGISTRATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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; Sequence 3, Application US/08992035A
; Patent No. 6242179
; GENERAL INFORMATION:
; APPLICANT: Shah, Purvi
; APPLICANT: Hillman, Jennifer L.
APPLICANT: Corley, Neil C.
APPLICANT: Lal, Preeti
TITLE OF INVENTION: HUMAN PHOSPHATASES
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STRET: 3174 Porter Dr.
CITY: Palo Alto
STATE: CA
COUNTRY: USA
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INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 283 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
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IMMEDIATE SOURCE:
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Best Local Similarity
Matches 211; Conserv
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TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CMLFVALYLQARMKGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGAL 238
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                                                                                                                                                                                                                                                                               DB 4; Length 282;
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APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
SEQ ID NO 54
                                                                                                                                                                                                                                                                                                                42; Indels
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APPLICANT: Lassner, Michael
APPLICANT: Ruezinsky, Diane
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                            Query Match 72.3%; Score 1084.5; DB 4
Best Local Similarity 73.5%; Pred. No. 4.3e-109;
Matches 211; Conservative 27; Mismatches 42;
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50.5%; Pred. No. 2.8e-47;
tive 32; Mismatches 64;
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Best Local Similarity 50.5%;
Matches 100; Conservative
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US-09-360-376-55
                                                                                                                                                                                                        ; TYPE: PRT
; ORGANISM: Rattus sp.
US-09-360-376-54
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SOFTWARE: Par
SEQ ID NO 55
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152 GRLRPHFLSVCNPDFSQINCSEGYIQNYRCRGDDSKVQEARKSFFSGHASFSMYTMLYLV 211
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GRIRPHFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVA 184
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APPLICANT: Michael W. Lassner
APPLICANT: Diane Ruezinsky
TITLE OF INVENTION: Plant Phosphatidic Acid Phosphatases
FILE REFERENCE: 17026/00/US
CURRENT APPLICATION NUMBER: US/09/122,315C
CURRENT FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 18
SOFTWARE: IBM PC: Windows NT 4.0; Microsoft Word for Windows 7.0a
SEQ ID NO 18
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Pred. No. 1.7e-45;
9; Mismatches 137; Indels
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Sequence 43247, Application US/09270767

Sequence 43247, Application US/09270767

GENERAL INFORMATION:

TITLE OF INVENTION: Nucleic acids and proteins of I
FILE REFERENCE: File Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; LOCATION: (1)..(323)
; OTHER INFORMATION: unsure at all Xaa locations US-09-122-315C-18
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                                                                                                                                                                     212 LYLQARFTWRGARCSGPS 229
                                                                                                                   LYLOARMKGDWARLLRPT 202
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Best Local Similarity 43.0%;
Matches 114; Conservative
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RESULT 10
US-09-360-376-17
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LENGTH: 290
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129 FV-----C----FYLKRTCVYDLHHSILGLLFAVLITGVITDSIKVATGRPRPNF 174
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                                                                                                                                                                                                            73 ILGETLSVYCNLLHS---NSFISNNY-----IATIYKAIGTFLFGAAASQSLTDI
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Patent No. 6495739

GENERAL INFORMATION:

APPLICANT: Lassner, Michael

APPLICANT: Ruezinsky, Diane

TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES

FILE REFERENCE: 17026/01/US

CURRENT APPLICATION NUMBER: US/09/360,376

CURRENT FILING DATE: 1999-07-23

PRIOR FILING DATE: 1998-07-24

NUMBER OF SEQ ID NOS: 55

SOFTWARE: Patentin version 3.0
                                                                                    Length 412;
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                                                                               Query Match 27.9%; Score 418; DB 4; Best Local Similarity 39.9%; Pred. No. 1.3e-36; Matches 101; Conservative 39; Mismatches 87
                               ; OTHER INFORMATION: Xaa means any amino acid US-09-270-767-43247
ORGANISM: Drosophila melanogaster
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                            231 TGLIQGALVAILV 243
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Matches 75; Conservative
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SEQ ID NO 13
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RESULT 9

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109 G------VYIRRRDVYDLHHAVLGLLFSVLITAVFTBAIKNAVGRPRPDFFWR 155
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   191 M----KGDWARL---LRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVA 240
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                                                                      APPLICANT: Lassner, Michael APPLICANT: Lassner, Michael APPLICANT: Lassner, Diane TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES FILE REFERENCE: 17026/01/US CURRENT APPLICATION:NUMBER: US/09/360,376 CURRENT FILING DATE: 1999-07-23 PRIOR APPLICATION NUMBER: US 09/122,315 PRIOR FILING DATE: 1998-07-24 NUMBER OF SEQ ID NOS: 55 SOFTWARE: Patentin version 3.0
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APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
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Pred. No. 2.3e-18;
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Application US/09360376
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Best Local Similarity 33.2%;
Matches 79; Conservative 3:
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US-09-360-376-17
Sequence 12, Applicat
Patent No. 6495739
GENERAL INFORMATION:
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, ORGANISM: Glycine sp. US-09-360-376-16
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                      123 SIGRLRPHFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLF 182
 CDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVALYLQARM--- 191
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                                                                                               213 DRKGHVAKL---CIVFLPLLVASLVGISRVDDYWHHWQDVFAGGLLGLTVA 260
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Sequence 16, Application US/09360376

Patent No. 6495739

GENERAL INFORMATION:

APPLICANT: Lassner, Michael

APPLICANT: Ruezinsky, Diane

TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES

FILE REFERENCE: 17026/01/US

CURRENT APPLICATION NUMBER: US/09/360,376

CURRENT FILING DATE: 1999-07-23

PRIOR APPLICATION NUMBER: US 09/122,315

PRIOR FILING DATE: 1998-07-24

NUMBER OF SEQ ID NOS: 55

SOFTWARE: Patentin version 3.0

SEQ ID NO 16

LENGTH: 322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 314;
                                                                                                                                                                                                                                                  APPLICANT: Lassner, Michael
APPLICANT: Lassner, Michael
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 16.0%; Score 240; DB 4;
Best Local Similarity 32.0%; Pred. No. 1.7e-17;
Matches 81; Conservative 34; Mismatches 88
                                                                                                                                                                            US-09-360-376-14; Sequence 14, Application US/09360376; Patent No. 6495739; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             -LAISTICYLOFF 244
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Arabidopsis sp. US-09-360-376-14
                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 14
LENGTH: 314
TYPE: PRT
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US-09-360-376-16
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70 SSIILGETLSVYCNLLHSNSFISNNYIATIYKAIGTFLFGAAASQSLTDIAKYSIGRLRP 129
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                                                                                                                                                                                                                                                                                                                       130 HFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVALYLQA 189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     189 ARM----KGDWARL---LRPTLOFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVA 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     71 SIILGETLSVYCNLLHSNSFISNNYIATIYKAIGTFLFGAAASQSLTDIAKYSIGRLRPH 130
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                                                                                                                                            24 DWIILLLAVIDGLLNI--IEPFHR-FVGKDMMTDLRYPMKGNTVFWAVPLIGIILPWA 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      13 DVLCVLLASMPMAVLKLGQIYPFQRGFFCKD--NSINYPYHDSTAASTVLILVGVGLPVS 70
                                                                                                       13 DVLCVLLASMPMAVLKLGQIYPFQRGFFCKD---NSINYPYHDSTAASTVLILVGVGLPV
                                                                                                                                                                                                                                                                                                                                                                                                                                   190 RM-----KGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVA 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    39;
  ; Score 234.5; DB 4; Length 3
; Pred. No. 7e-17;
41; Mismatches 94; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 15.4%; Score 230.5; DB 4; Length 3 Best Local Similarity 32.1%; Pred. No. 1.8e-16; Matches 77; Conservative 33; Mismatches 91; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 15, Application US/09360376

Patent No. 6495739

GENERAL INFORMATION:

APPLICANT: Lassner, Michael

APPLICANT: Ruezinsky, Diane

TITLE OF INVENTION:

FILE REFERENCE: 17026/01/US

CURRENT APPLICATION NUMBER: US/09/360,376

CURRENT FILING DATE: 1999-07-23

PRIOR APPLICATION NUMBER: US 09/122,315

PRIOR PILING DATE: 1998-07-24
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US-09-360-376-52
; Sequence 52, Application US/09360376
; Patent No. 6495739
; GENERAL INFORMATION:
; APPLICANT: Lassner, Michael
Query Match 15.6%;
Best Local Similarity 29.7%;
Matches 70; Conservative 4:
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SOFTWARE: Patentin v
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Search completed: November
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FILE REFERENCE: 107196.132

CURRENT APPLICATION NUMBER: US/09/248,796A

CURRENT FILING DATE: 1999-02-13

PRIOR APPLICATION NUMBER: US 60/096,409

PRIOR FILING DATE: 1998-08-13

PRIOR APPLICATION NUMBER: US 60/096,409

PRIOR FILING DATE: 1998-08-13

NUMBER OF SEQ ID NOS: 28208

SEQ ID NO 15660

LENGTH: 243
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             67 LFV-----YSFVVPSLTILIIGSILADR-----RHLIFILYTSLLGLSLAWFSTSFFTNFI 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 174 SFS-----MYCMLFVALYLQARMKGDWARLIR--PTLQFGLVAVSIYVGLSRVSDYKHH 225
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    67 LPVSSIILGETLSVYCNLLHSNSFISNNYIATIYKAIGTFLFGAAASQSLTDIAKYSIGR 126
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               96
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 26 IPLSVIIIVALIST-CPPKYK---LYNTWVSSI-----GLLLSVLITSFVTNIVKNWFGR
                                                                                                                                                                                                                                                                                                                                                                                                                                     4 KTRLPYVALDVLCVLLASMPMAVLKLGQIY---PFQRGFFCKDNSINYPYHDSTAASTVL
                                                                                                                                                                                                                                                                                                                                            Query Match 12.9%; Score 193; DB 4; Length 289; Best Local Similarity 26.6%; Pred. No. 1.9e-12; Matches 79; Conservative 48; Mismatches 104; Indels 66; Gaps
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Ruezinsky, Diane
VENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
                       TITLE OF INVENTION: PLANT PHOSPHATIDIC ACI
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
; SEQ ID NO 52
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Patent No. 6747137
GENERAL INFORMATION:
APPLICANT: Keith Weinstock et al
                                                                                                                                                                                                                                                     TYPE: PRT
GORGANISM: Saccharomyces cerevisiae
US-09-360-376-52
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       APPLICANT:
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Sequence 157, App
Sequence 136, App
Sequence 346, App
Sequence 348, App
Sequence 49, Appl
Sequence 2, Appl
Sequence 2, Appl
Sequence 2046, App
Sequence 2046, Appl
                                                                                                                                  ; Search time 84.5632 Seconds (without alignments) 1408.915 Million cell updates/sec
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1499
1 MFDKTRLPYVALDVLCVLLA......HTTLHETPTTGNHYPSNHQP 285
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cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep:*

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GenCore version 5.1.6
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US-10-764-425-157

US-10-643-795A-136

US-10-948-518-136

US-10-287-226-346

US-10-287-226-348

US-10-491-467-49

US-10-812-238A-13

US-10-655-601-2

US-11-097-143-2046

US-11-097-143-14997
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                                                                                                                                    November 2, 2005, 21:46:06
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Maximum Match 100%
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Perfect score:
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1309.5
1306
1128
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1128
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ALIGNMENTS

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US-10-643-795A-136
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                                                                                                                                                                                             Sequence 157, Application US/10764425
Publication No. US20040146921A1
GENERAL INFORMATION:
APPLICANT: Bayer Pharmaceuticals Corporation
APPLICANT: Bigwood, Douglas
APPLICANT: Taylor, Ian
TITLE OF INVENTION: EXPRESSION PROFILES FOR COLON CANCER AND METHODS OF USE FILE REFERENCE: 5151
CURRENT APPLICATION NUMBER: US/10/764,425
CURRENT FILING DATE: 2004-01-23
PRIOR FILING DATE: 60/442,582
PRIOR FILING DATE: 2003-01-24
                    118 IAKYSIGRLRPHFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFFSGHSSFSMY 177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LEVALYLOARMKGDWARLLRPTLOFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVA 240
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US-10-643-795A-136
; Sequence 136, Application US/10643795A
; Publication No. US20040241703A1
; GENERAL INFORMATION:
; APPLICANT: FREDERIC J. DESAUVAGE
; APPLICANT: KENNETH J. HILLAN
; APPLICANT: ANDREW POLSON
; APPLICANT: ANDREW POLSON
; APPLICANT: VICTORIA SMITH
; APPLICANT: SUSAN D. SPENCER
; APPLICANT: SUSAN D. SPENCER
; APPLICANT: ZEMIN ZHANG
; APPLICANT: ZEMIN ZHANG
; TITLE,OF, INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      87.4%; Score 1309.5; DB 18; Length 284; 88.5%; Pred. No. 8e-129; ive 7; Mismatches 21; Indels 5;
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                                                                      ILVAVYVSDFFKERTSFKERKEEDSHTTLHETPTTGNHYPSNHQP
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SOFTWARE: Patentin version 3.2
SEQ ID NO 157
LENGTH: 284
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Matches 254; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; ORGANISM: Homo sapiens
US-10-764-425-157
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US-10-764-425-157
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119 SLIDIAKYSIGRLRPHFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSS 178
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 MFDKTRLPYVALDVLCVLLASMPMAVLKLGQI----YPFQRGFFCKDNSINYPYHDSTAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           57 STVLILVGVGLPVS--SIILGETLSVYCNLLHSNSFISNNYIATIYKAIGTFLFGAAASQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 115 SLTDIAKYSIGRLRPHFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSS
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FILE REFERENCE: P5026R1-US
CURRENT: APPLICATION NUMBER: US/10/643,795A
CURRENT FILING DATE: 2003-08-19
PRIOR APPLICATION NUMBER: US 60/404,809
PRIOR FILING DATE: 2002-08-19
PRIOR FILING DATE: 2002-08-21
PRIOR FILING DATE: 2002-08-21
PRIOR FILING DATE: 2002-09-23
PRIOR FILING DATE: 2002-10-15
PRIOR FILING DATE: 2002-10-15
PRIOR FILING DATE: 2002-10-15
PRIOR FILING DATE: 2002-11-15
PRIOR FILING DATE: 2002-11-15
PRIOR FILING DATE: 2002-11-15
PRIOR FILING DATE: 2002-11-15
PRIOR FILING DATE: 2003-07-02
NUMBER OF SEQ ID NOS: 158
SUMMER OF SEQ ID NOS: 158
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APPLICANT: PAUL POLAKIS
APPLICANT: ANDREW POLSON
APPLICANT: VICTORIA SMITH
APPLICANT: VICTORIA SMITH
APPLICANT: SUSAN D. SPENCER
APPLICANT: THOMAS D. WU
APPLICANT: ZEMIN ZHANG
TITLE OF INVENTION: TREATMENT OF TUMOR
FILE REFERENCE: PSO26R1-US
CURRENT APPLICATION NUMBER: US/10/948,518
CURRENT FILING DATE: 2004-09-22
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PRIOR FILING DATE: 2003-08-19
PRIOR FILING DATE: 2002-08-19
PRIOR FILING DATE: 2002-08-19
PRIOR APPLICATION NUMBER: US 60/405,645
PRIOR PILING DATE: 2002-08-21
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Publication No. US20050064492A1
GENERAL INFORMATION:
APPLICANT: FREDERIC J. DESAUVAGE
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KENNETH J. HILLAN
PAUL POLAKIS
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192
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                                                                                                                                                                                                                                                            Length 289
                                                                                                                                                                                                                                                                                            23; Indels
                                                                                                                                                                                                                                                        Query Match 87.1%; Score 1306; DB 17; Best Local Similarity 87.3%; Pred. No. 1.9e-128; Matches 254; Conservative 6; Mismatches 23;
             PRIOR FILING DATE: 2002-09-23
PRIOR APPLICATION NUMBER: US 60/419,008
PRIOR FILING DATE: 2002-10-15
PRIOR PRILING DATE: 2002-11-15
PRIOR PILING DATE: 2002-11-15
PRIOR PILING DATE: 2003-07-02
NUMBER OF SEQ ID NOS: 158
SEQ ID NO 136
LENGTH: 289
APPLICATION NUMBER: US 60/413,192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 346, Application US/10287226 Publication No. US20040086875A1 GENERAL INFORMATION:
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Chant, John S.,
Chaudhuri, Amitabha,
DiPippo, Vincent A.,
Edinger, Shlomit R.,
Eisen, Andrew,
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Malyankar, Uriel M.,
MacDougall, John R.,
Mezes, Peter S.
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Gangolli, Esha A.,
Gorman, Linda,
Gerlach, Valerie,
Ji, Weizhen,
Kekuda, Ramesh,
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APPLICANT: Alsobrook, John P.,
APPLICANT: Berghs, Constance,
APPLICANT: Boldog, Ference,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patturajan, Meera,
Rastelli, Luca,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ooi, Chean Eng,
Ort, Tatiana,
                                                                                                                                                                                    ; TYPE: PRT
; ORGANISM: Homo sapien
US-10-948-518-136
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APPLICANT:
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72 IILGETLSVYCNLLHSNSFISNNYIATIYKAIGTFLFGAAASQSLTDIAKYSIGRLRPHF 131
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APPLICANT: Rothenberg, Mark E.,
APPLICANT: Shenov, Suresh C.,
APPLICANT: Shenov, Suresh C.,
APPLICANT: Spaderna, Steven K.,
APPLICANT: Spaderna, Steven K.,
APPLICANT: Spaderna, Steven K.,
APPLICANT: Spriesh, Kimberley A.,
APPLICANT: Taugier, Jr., Raymond J.,
APPLICANT: Zerhusen, Bryan D.,
APPLICANT: Zerhusen, Bryan D.,
APPLICANT: Zerhusen, Bryan D.,
APPLICANT: Zerhusen, Bryan D.,
APPLICANT: APOLICANTON NUMBER: US/10/287,226
CURRENT APPLICATION NUMBER: G0/344,421
PRIOR FILING DATE: 2002-11-04
PRIOR FILING DATE: 2002-02-07
PRIOR FILING DATE: 2002-02-27
PRIOR FILING DATE: 2002-02-27
PRIOR FILING DATE: 2002-03-30
PRIOR APPLICATION NUMBER: 60/364,000
PRIOR PRILOR DATE: 2002-03-30
PRIOR APPLICATION NUMBER: 60/364,000
PRIOR APPLICATION NUMBER: 60/364,000
PRIOR PLILING DATE: 2002-03-30
PRIOR PLILING DATE: 2002-01-10-30
PRIOR PLILING DATE: 2002-01-10-30
PRIOR APPLICATION NUMBER: 60/364,227
PRIOR PLILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 60/314,611
PRIOR FILING DATE: 2001-11-20
PRIOR PRILOR DATE: 2001-11-20
PRIOR PRILOR DATE: 2001-11-20
PRIOR PRIOR PRILOR DATE: 2001-11-20
PRIOR PRILOR DATE: 2001-11-20
PRIOR PRIOR PRILOR DATE: 2001-11-20
PRIOR PRILOR DATE: 2001-11-20
PRIOR PRILOR DATE: 2001-11-30
PRIOR PRILOR DATE: 2001-11-30
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PRIOR PRIOR PRILOR DATE: 2001-11-30
PRIOR PRILOR DATE: 2001-11-30
PRIOR PRIPARE: CARSOGLIST VETSION 0.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     252 KERTSFKERKEEDSHTTLHETPTTGNHYPSNHQP 285
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US-10-287-226-348
; Sequence 348, Application US/10287226
; Publication No. US20040086875A1
; GENERAL INFORMATION:
; APPLICANT: Agee, Michele L.,
; APPLICANT: Becghs, Constance,
; APPLICANT: Berghs, Constance,
; APPLICANT: Boldog, Ference,
; APPLICANT: Burges, Catherine E.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-287-226-346
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68 LDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVALYLQARM 127
                                                                                                                                                                                132 LDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVALYLQARM 191
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BOROWSKY, Mark L.; DUGGAN, Brendan M.;
BOROWSKY, Mark L.; DUGGAN, Brendan M.;
GANDHI, Ameena R.; GORVAD, Ann E.;
GRIFFIN, Jennifer A.; GURURAJAN, Rajagopal, HAFALIA, April J.A.; KHAN, Farrah A.;
LLAL, Preeti G.; LEE, Ernestine A.;
LLE, Soo Yeun; LINDQUIST, Erika A.;
LU, Dyung Aina M.; LU, Yan;
MARQUIS, Joseph P.; NGUYEN, Danniel B.;
RECIPON, Shirley A.; RICHARDSON, Thomas W.;
SWARNAKAR, Anita; TANG, Y. Tom;
THORNTON, Michael B.; TRAN, Uyen K.;
CHAWLA, Narinder K.; WARREN, Bridget A.;
YANG, Junming; YAO, Monique G.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 56.3%; Pred. No. 1.2e-68;
Matches 152; Conservative 34; Mismatches 74;
                                                                                                                                                                                                                                                                      252 KERTSFKERKEEDSHTTLHETPTTGNHYPSNHQP 285
                                                                                                                                                                                                                                                                                                             188 KERTSFKERKEEDSHTTLHETPTTGNHYPSNHQP 221
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CTHER INFORMATION: Incyte ID No: 7503176CD1
US-10-491-467-49
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT FILING DATE: 2004-03-31
PRIOR APPLICATION NUMBER: PCT/USO2/33723
PRIOR FILING DATE: 2002-10-17
PRIOR PPLICATION NUMBER: US 60/345,474
PRIOR FILING DATE: 2001-10-19
PRIOR FILING DATE: 2001-11-02
PRIOR FILING DATE: 2001-11-02
PRIOR FILING DATE: 2001-11-13
PRIOR APPLICATION NUMBER: US 60/333,098
PRIOR FILING DATE: 2001-11-16
PRIOR PLING DATE: 2001-11-16
PRIOR FILING DATE: 2001-11-16
PRIOR FILING DATE: 2001-11-16
PRIOR FILING DATE: 2001-11-16
PRIOR FILING DATE: 2001-11-30
NUMBER OF SEQ ID NOS: 104
SOFTWARE: PERL PROGRAM
SEQ ID NO 49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-10-491-467-49
; Sequence 49, Application US/10491467
; Publication No. US20050186568A1
; GENERAL INFORMATION:
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TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                               192
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PRIOR APPLICATION NUMBER: 60/354,392

PRIOR FILING DATE: 2001-11-30

PRIOR FILING DATE: 2002-02-04

PRIOR FILING DATE: 2002-03-13

PRIOR FILING DATE: 2002-03-13

PRIOR FILING DATE: 2002-03-13

PRIOR PELING DATE: 2002-03-13

PRIOR PELING DATE: 2002-03-13

PRIOR PELING DATE: 2002-03-13

PRIOR PELING DATE: 2001-11-30

PRIOR FILING DATE: 2001-11-30

PRIOR PELING DATE: 2001-11-30

PRIOR FILING DATE: 2001-11-30

PRIOR PELING DATE: 2002-03-13

PRIOR APPLICATION NUMBER: 60/334,626

PRIOR FILING DATE: 2002-03-13

PRIOR FILING DATE: 2001-11-28

PRIOR PELING DATE: 2001-11-28

PRIOR FILING DATE: 2001-11-28

PRIOR FILING DATE: 2001-11-28

PRIOR FILING DATE: 2001-11-20

PRIOR APPLICATION NUMBER: 60/331,641

PRIOR FILING DATE: 2001-11-20

PRIOR APPLICATION NUMBER: 60/331,641

PRIOR FILING DATE: 2001-11-20

PRIOR APPLICATION NUMBER: 60/331,641

PRIOR FILING DATE: 2001-11-20

PRIOR PRIOR PRIOR APPLICATION NUMBER: 60/331,641

PRIOR FILING DATE: 2001-11-20

PRIOR PRIOR PRIOR APPLICATION NUMBER: 60/331,641

PRIOR PRIO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PPLICANT: Zhong, Mei
ITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 221;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: 21402-480C
CURRENT APPLICATION NUMBER: US/10/287,226
CURRENT FILING DATE: 2002-11-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Spytek, Kimberley A.,
Taupier, Jr., Raymond J.
Vernet, Corine A.M.,
                                                                                                                                                                                                                                                                                                                                                                                                   Li, Li,
Malyankar, Uriel M.,
MacDougall, John R.,
Mezes, Peter S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Padigaru, Muralidhara
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Miller, Charles E.,
Miller, Isabelle,
Oci, Chean Eng,
Ort, Tatiana,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Patturajan, Meera,
Rastelli, Luca,
Rieger, Daniel K.,
Rothenberg, Mark E.,
Shenoy, Suresh G.,
                        haudhuri, Amitabha,
iPippo, Vincent A.,
dinger, Shlomit R.,
                                                                                                                                                                Ellerman, Karen,
Gangolli, Esha A.,
Gorman, Linda,
Gerlach, Valerie,
                                                                                                                                                                                                                                                                                                     Ji, Weizhen,
Kekuda, Ramesh,
Khramtsov, Nikolai,
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US-10-287-226-348
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65 VGLPVSSIILGETLSVYCNLLHSNSFISNNYIATIYKAIGTFLFGAAASQSLTDIAKYSI 124
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              185 LYLQARMKGDWARLLRPTLQFGLVAVSIYVGLSRVSDYRHHWSDVLTGLIQGALVAILVA 244
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EXPRESSION OF 10,000 OR
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                                                                                                                                                                                                                                                         Length 311;
                                                                                                                                                                                                                                                         Query Match 45.9%; Score 688; DB 16; Length 3 Best Local Similarity 53.6%; Pred. No. 2e-63; Matches 134; Conservative 38; Mismatches 76; Indels
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Publication No. US20050208558A1
GENERAL INFORMATION:
APPLICANT: Venter, J. Craig
APPLICANTON: DATESCOPHILA GENES.
FILE OF INVENTION: DACSOPHILA GENES.
FILE REFERENCE: CLO00728
CURRENT APPLICATION NUMBER: 60/167,832
PRIOR APPLICATION NUMBER: 60/161,932
PRIOR FILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 60/164,769
PRIOR FILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 60/173,383
PRIOR FILING DATE: 1999-11-12
PRIOR PILING DATE: 2000-01-12
PRIOR APPLICATION NUMBER: 60/184,831
PRIOR FILING DATE: 2000-01-12
PRIOR FILING DATE: 2000-01-12
PRIOR FILING DATE: 2000-01-12
PRIOR FILING DATE: 2000-01-12
PRIOR FILING DATE: 2000-03-23
NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FastSEQ for Windows Version 4.0
  CURRENT APPLICATION NUMBER: US/10/655,601
CURRENT FILING DATE: 2003-09-05
NUMBER OF SEQ ID NOS: 11
                              CURRENT FILING DATE: 2003-09-NUMBER OF SEQ ID NOS: 11 SOFTWARE: Patentin version 3.1 SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 245 VYVSDFFKER 254
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272 FFVSDLFKTK 281
                                                                                                                                                   TYPE: PRT
ORGANISM: Homo sapiens
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                                                   KINCSDGYIEY-YICRGNAERVKEGRLSFYSGHSSFSMYCMLFVALYLQARMKGDWARLL 199
                                                                               182 RPIVQFFLVAFALYVGYTRVSDYKHHWSDVLVGLLQGALVAALTVCYISDFFKARPPQHC 241
                                                                                                                                                     RPTLOFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVAILVAVYVSDFFKERTSFKE 259
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  65 VGLPVSSIILGETLSVYCNLLHSNSFISNNYIATIYKAIGTFLFGAAASQSLTDIAKYSI 124
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APPLICANT: Shulman, Joshua M.
TITLE OF INVENTION: Genes and Proteins Altering Tau-Related Neuropathy
FILE REFERENCE: 7570/73251
                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 13, Application US/10812238A

Sequence 13, Application US/10812238A

Publication No. US20050002904A1

GENERAL INFORMATION:

APPLICANT: Wary, Kishore, K.

APPLICANT: Humtsoe, Joseph O.

TITLE OF INVENTION: USes of Vascular Endothelial Growth Factor

TITLE OF INVENTION: and Type I Collagen Inducible Protein (VCIP)

FILE REFERENCE: D6563

CURRENT APPLICATION NUMBER: US/10/812,238A

CURRENT FILING DATE: 2004-03-29

PRIOR APPLICATION NUMBER: US 60/458,164

PRIOR APPLICATION NUMBER: 36

SEO ID NOS: 36
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 46.3%; Score 694; DB 17; Best Local Similarity 53.6%; Pred. No. 4.8e-64; Matches 135; Conservative 39; Mismatches 76;
                                                                                                                                                                                                                                                   260 RKEE--DSHTTLHETPTTG----NHYPSNH 283
                                                                                                                                                                                                                                                                                              242 LKEEELERKPSLSLTLTLGEADHNHYGYPH 271
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 2, Application US/10655601
Publication No. US20040137522A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: human VCIP US-10-812-238A-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       245 VYVSDPFKERTS 256
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: CHAIN
                                                                                                                                                                                                                                                                                                                                                                                                    -10-812-238A-13
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LENGTH: 311
                                                   141
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GENERAL INFORMATION:
APPLICANT: Venter, J. Craig
APPLICANT: Venter, J. Craig
APPLICANT: Venter, J. Craig
APPLICANT: et al.
TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
TITLE OF INVENTION: DROSOPHILA GENES.
TITLE OF INVENTION: DROSOPHILA GENES.
CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: 60/160,191
PRIOR FILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 60/164,769
PRIOR FILING DATE: 1999-11-22
PRIOR FILING DATE: 1999-11-28
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR FILING DATE: 1999-11-28
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR FILING DATE: 1999-11-28
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-03-23
NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FASELED FOR Windows Version 4.0
                                                                                                                                                                             WSDVLTGLIQGALVAILVAVYVSDFFKERTS---FKERKEEDSHTTLHE--TPTTGNHYP 280
                                                                                                                                                                                                        267 WSDVLSGSLLGVAGALITAHYIARMFDDGASNILSGGLRRENTAATLQEEVCPTTPPPYS 326
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       142 INCSD-----GYIEYYICRG---NAERVKEGRLSFYSGHSSFSMYCMLFVALYLQARMKG 193
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                207 LSFPSGHSSLAFYAMIYVALYLQRKITWRGSKLSRHFVQFAVVMVAWYTALSRVMDHWHH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LSFYSGHSSFSMYCMLFVALYLQARMKGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         36 ORGFFCKDNSINYPYHDSTAASTVLILVGVGLPVSSIILGETLSVYCNLLHS---NSFIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               93 NNY------IATIYKAIGTFLFGAAASQSLTDIAKYSIGRLRPHFLDVCDPDWSK-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         194 DWARLLRPTLOFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVAILV 243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    22;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Score 413; DB 20;
; Pred. No. 1.2e-34;
36; Mismatches 78;
   TDIAKYSIGRLRPHFLDVCDP---DWSKINCSD-
                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 912, Application US/11097143 Publication No. US20050208558A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 27.6%;
Best Local Similarity 40.9%;
Matches 94; Conservative 36
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                                                                                                                                                                                 194 VLSQLTTDIAKYSIGRLRPHFIAVCQPQMADGSTCDDAINAGKYIQEFTCKGVGSSARML 253
                                                                                                                                                                                                                                                                                                                                                         62 LVGVGLPVSSIILGETLS-VYCNLLHSNSFISNNYIATIYKAIGT----FLFGAAASQSL 116
                                                                                                                                                                                                                                            111 AASQSLTDIAKYSIGRLRPHFLDVCDPDWSK-INCSDG----YIEYYICRG---NAERV 161
                                                                                                                                                                                                                                                                                                                                KEGRISFYSGHSSFSMYCMLFVALYLQARMKGDWARLLRPTLQFGLVAVSIYVGLSRVSD 221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: et al.
TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
TITLE OF INVENTION: DROSOPHILA GENES.
FILE REFERENCE: CL000728
CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT FILING DATE: 2005-04-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3 DKTRLPYVALDVLCVLLASMPMAVLKLGQIYPFQRGFFCKDNSINYPYHDSTAASTVL-I
                                                              3 DKTRLPYVALDVLCVLLASMPMAV-LKLGQIYPFQRGFFCKDNSINYPYHDSTAASTVLI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 29.0%; Score 435; DB 20; Length 3 Best Local Similarity 36.3%; Pred. No. 9.3e-37; Matches 110; Conservative 59; Mismatches 108; Indels
                       84; Indels
44.9%; Pred. No. 4.6e-49;
ive 43; Mismatches 84
                                                                                                                                                                                                                                                                                                                                                                                                                                             YKHHWSDVLTGLIQGALVAILVAVYVSDFFKE 253
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 60/157,832
PRIOR APPLICATION NUMBER: 60/157,832
PRIOR APPLICATION NUMBER: 60/160,191
PRIOR APPLICATION NUMBER: 60/161,932
PRIOR FILING DATE: 1999-10-19
PRIOR APPLICATION NUMBER: 60/164,769
PRIOR FILING DATE: 1999-11-12
PRIOR FILING DATE: 1999-11-12
PRIOR FILING DATE: 1999-11-12
PRIOR FILING DATE: 1999-12-28
PRIOR FILING DATE: 1999-12-28
PRIOR FILING DATE: 2000-01-12
PRIOR PRILING DATE: 2000-01-12
PRIOR FILING DATE: 2000-03-24
PRIOR FILING DATE: 2000-03-23
NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FASESEQ for Windows Version 4.0
SEQ ID NO 14997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 14997, Application US/11097143
Publication No. US20050208558A1
GENERAL INFORMATION:
APPLICANT: Venter, J. Craig
APPLICANT: et al.
                       122; Conservative
Best Local Similarity
Matches 122; Conserv
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TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: DECOPHILA GENES.
TITLE OF INVENTION: DROSOPHILA GENES.
CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: 60/160,191
PRIOR PILING DATE: 1999-10-19
PRIOR PILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-11-12
PRIOR FILING DATE: 1999-11-12
PRIOR FILING DATE: 1999-11-28
PRIOR FILING DATE: 1999-12-28
PRIOR FILING DATE: 1999-12-28
PRIOR PELING DATE: 1999-12-28
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR PILING DATE: 2000-01-12
PRIOR APPLICATION NUMBER: 60/184,831
PRIOR APPLICATION NUMBER: 60/184,831
PRIOR PILING DATE: 2000-02-24
PRIOR PILING DATE: 2000-03-23
PRIOR APPLICATION NUMBER: 60/191,637
PRIOR PILING DATE: 2000-03-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     113 SOSLTDIAKYSIGRLRPHFLDVCD---PDWSKINCSDG----YIEYYICRGNAE----R 160
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           161 VKEGRLSFYSGHSSFSMYCMLFVALYLQARMKGDWARLLRPTLQFGLVAVSIYVGLSRVS 220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              67 LPVSSIILGETLSVY--------CNLLHSNSFISNNYIATIYKAIGTFLFGAAA 112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  7 LPYVALDVLCVLLASMPMAVLKLGQIYPFQRGFFCKDNSINYPYHDSTAASTVLILVGVG
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APPLICANT: et al.
TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 27.6%; Score 413; DB 20; Length 341; Best Local Similarity 37.3%; Pred. No. 1.9e-34; Matches 101; Conservative 42; Mismatches 82; Indels 46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DYKHHWSDVLTGLIQGALVAILVAVYVSDFF 251
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FastSEQ for Windows Version 4.0
Sequence 41346, Application US/11097143
Publication No. US20050208558A1
GENERAL INFORMATION:
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US-11-097-143-41346
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LENGTH: 341
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SS TRLYFRNLWRABATFSFGFIATYLTTELAKHAVGRLRPHFFHGCQPRLDDGS--SCSDLQ 112
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  113 NAELYVEQFHCTNNNLSTRQIRELHVSFPSAHSSLSFYSMVLLALYVHGVWRGRGGVRVL 172
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TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
TITLE OF INVENTION: DROSOPHILA GENES.
FILE REFERENCE: CLO00728
CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT FILING DATE: 2005-04-04
PRIOR FILING DATE: 1999-10-05
PRIOR FILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-10-28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           32 IYPFORGFFCKDNSINYPYHDSTAASTVLILVGVGLPVSSIILGETLSVYCNLLHSNSFI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 27.3%; Score 409.5; DB 20; Length Best Local Similarity 36.6%; Pred. No. 4.4e-34; Matches 96; Conservative 45; Mismatches 98; Indels
TITLE OF INVENTION: DROSOPHILA GENES.
FILE REFERENCE: CL000728
CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT FILING DATE: 2005-04-04
PRIOR PILING DATE: 1999-10-05
PRIOR FILING DATE: 1999-10-19
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PRIOR FILING DATE: 1999-10-19
PRIOR APPLICATION NUMBER: 60/161,932
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-11-12
PRIOR FILING DATE: 1999-11-12
PRIOR FILING DATE: 1999-11-12
PRIOR FILING DATE: 1999-11-2
PRIOR FILING DATE: 1999-11-3,383
PRIOR FILING DATE: 2000-01-12
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Publication No. US20050208558A1
GENERAL INFORMATION:
APPLICANT: Venter, J. Craig
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US-11-097-143-24018
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US-11-097-143-41352
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SEQ ID NO 24018
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60 LILVGVGLPVSSIILGETLSVYCNLLHSNSFISNNYIATIYKAIGTFLFGAAASQSLTDI 119
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                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 26.2%; Score 393; DB 20; Length 305; Best Local Similarity 36.5%; Pred. No. 2.1e-32; Matches 95; Conservative 51; Mismatches 88; Indels 26; Gaps
PRIOR FILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 60/173,383
PRIOR FILING DATE: 1999-12-28
PRIOR PILING DATE: 1999-12-28
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR FILING DATE: 2000-01-12
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-03-23
NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FASELSEQ for Windows Version 4.0
SEQ ID NO 41352
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   235 HHWSDVAAGSLLGAGSALAV 254
                                                                                                                                                                                                                                  TYPE: PRT
CORGANISM: DROSOPHILA
US-11-097-143-41352
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November 2, 2005, 21:27:15; Search time 17.4429 Seconds (without alignments) 1215.413 Million cell updates/sec
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1500
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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513545 segs, 74649064 residues BLOSUM62 Gapop 10.0 , Gapext 0.5 Searched:

Scoring table:

Sequence:

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

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/cgn2 6/ptodata/1/iaa/5B_COMB.pep:*
/cgn2 6/ptodata/1/iaa/6A_COMB.pep:*
/cgn2 6/ptodata/1/iaa/6B_COMB.pep:*
/cgn2 6/ptodata/1/iaa/FCTUS_COMB.pep:*
/cgn2 6/ptodata/1/iaa/PCTUS_COMB.pep:* Issued_Patents_AA: Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Sequence 1, Appli	'n	Ŋ	54	55,	18,	4324	٦	12,	17,	14,	16,	15,	156	52	217	156		N	Sequence 6, Appli	8	4715,	21937,		9921,	Sequence 4991, Ap	4013,
ID	US-08-992-035A-1	US-08-992-035A-3	US-09-360-376-53	US-09-360-376-54	-09-360-3	US-09-122-315C-18	US-09-270-767-43247	US-09-360-376-13	US-09-360-376-12	US-09-360-376-17	US-09-360-376-14	US-09-360-376-16	US-09-360-376-15	US-09-248-796A-15660	US-09-360-376-52	US-09-538-092-217	US-09-248-796A-15661	US-09-621-976-4116	US-09-710-279-2536	US-09-815-923-6	US-09-543-681A-8174	US-09-107-532A-4715	US-09-252-991A-21937	US-09-134-000C-5410	US-09-489-039A-9921	US-09-107-532A-4991	US-09-134-001C-4013
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% Query Match Length	285	283	283	282	233	323	412	348	290	343	314	322	310	243	289	274	296	126	305	556	466	174	244	439	403	370	233
A Query	œ.	84.8	4.	83.2	Ŋ.	35.3	7.	•	17.6	•	16.7	16.6	16.1	13.4	12.9	12.2	11.4	7.7	e.8	6.3	6.1	0.9	6.0	0.9	5.9	5.9	5.9
Score	1320.5	1271.5	1271.5	1248	535.5	529	404.5	273	4	252.5	251	249	241.5	200.5	193.5	183	171.5	115.5	102.5	95	16	90	89.5	ტ	88	88.5	88
Result No.	г	7	ო	4	S	9	7	89	σ	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	56	27

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DB 3; Length 285; Indels

Query Match 88.0%; Score 1320.5; DB 3; Best Local Similarity 88.9%; Pred. No. 1.3e-139; Matches 255; Conservative 9; Mismatches 19;

Sequence 11, Appliadquence 2, Appliadquence 3, Appliadquence 3, Appliadquence 3, Appliadquence 1, Appliadquence 10450, A Sequence 11, Appliadquence 11, Appliadquence 11, Appliadquence 4, Appliadquence 15842, A Sequence 15842, A Sequence 15842, A Sequence 15842, A Sequence 4, Appliadquence 15842, A Sequence 4, Appliadquence 15842, A Sequence 4, Appliadquence 4,	
PCT-US93-07923-11 PCT-US93-07923-3 PCT-US93-07923-3 US-08-230-491A-3 US-08-619-280A-3 US-08-940-391-3 US-09-784-236-1 US-09-949-016-10450 US-10-104-966-1 US-09-252-991A-22861 US-09-252-991A-22861 US-09-252-991A-22861 US-09-248-758-4 US-09-248-796A-15842 US-09-248-796A-15842 US-09-248-796A-15842 US-09-248-796A-15842 US-09-248-796A-15842	
${\tt N}{\tt N}{\tt N}{\tt H}{\tt H}{\tt H}{\tt M}{\tt M}{\tt A}{\tt A}{\tt A}{\tt A}{\tt A}{\tt H}{\tt H}{\tt W}{\tt A}{\tt A}{\tt A}{\tt W}{\tt M}$	
593 759 766 766 766 766 766 766 780 1873 1873 1873 1873 799 793	
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2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	

ALIGNMENTS

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MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/992,035A
FILING DATE: December 17, 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
US-08-992-035A-1
; Sequence 1, Application US/08992035A
; Patent No. 6242179
; GENERAL INFORMATION:
; APPLICANT: Shah, Purvi
APPLICANT: Hillman, Jennifer L.
; APPLICANT: Corley, Neil C.
; APPLICANT: Lal, Preeti
; TITLE OF INVENTION: HUMAN PHOSPHATASES
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Dr.
CITY: Palo Alto
STATE: CA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PF-0433 US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0'
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 650-845-4166
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 285 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
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TOPOLOGY: linear
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   1 MFDKTRLPYVALDVICVLLAGLPFAILTSRHTPFQRGIFCNDDSIKYPYKEDTIPYALLG
                                                              GIIIPFSIIVIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTDIAK
                                                                                                                                             121 YSIGRLRPHFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCML
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Sequence 53, Application US/09360376

Patent No. 6495739

GENERAL INFORMATION:

APPLICANT: Lassner, Michael

APPLICANT: Ruezinsky, Diane

TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES

FILE REFERENCE: 17026/01/US

CURRENT APPLICATION NUMBER: US/09/360,376

CURRENT FILING DATE: 1999-07-23

PRIOR FILING DATE: 1998-07-24

NUMBER OF SEQ ID NOS: 55

SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ;; Score 1271.5; DB 4; Length
;; Pred. No. 4e-134;
25; Mismatches 22; Indels
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US-09-360-376-54
; Sequence 54, Application US/09360376
; Patent No. 6495739
; GENERAL INFORMATION:
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Best Local Similarity 83.1%;
Matches 236; Conservative 2
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Best Local Similarity
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US-09-360-376-53
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                                                                           LLGGIIIPFSIIVIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTD
                                                                                                     61 ILVGVGLPIS--SIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTD
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                       MPDKTRLPYVALDVLCVLLAGLPFAIL-TSRHTPFQRGVFCNDESIKYPYKEDTI--PYA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          US--US-992-035A-3

Sequence 3, Application US/08992035A

Sequence 3, Application US/08992035A

Batent No. 6242179

GENERAL INFORMATION:

APPLICANT: Shah, Purvi
APPLICANT: Lal, Precti
TITLE OF INVENTION: HUMAN PHOSPHATASES

NUMBER OF SEQUENCES: 6

CORRESPONDENCE DADRESS:
ADDRESSE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Dr.
CITY: Palo Alto
STATE: DAS COUNTRY: USA

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: FastSEQ for Windows Version 2.0
SOFTWARE: PastSEQ for Windows Version 2.0
SOFTWARE: PastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/992,035A
FILING DATE: December 17, 1997

PRIOR APPLICATION NUMBER: 36,749

REJERNORE/DOCKET NUMBER: PF-0433 US

REJERNORE/DOCKET NUMBER: PF-0433 US

TELEPHONE: 650-655-0555
TELEFORMUNICATION INFORMATION:
TELEPHONE: 650-655-0555
TELEFORMUNICATION POR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 283 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
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CLONE: 1487873
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US-08-992-035A-3
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Sequence 18, Application US/09122315C
; Sequence 18, Application US/09122315C
; Patent No. 6476294
; GENERAL INFORMATION:
; APPLICANT: Michael W. Lasener
; APPLICANT: Diane Ruezinsky
; TITLE OF INVENTION: Plant Phosphatidic Acid Phosphatases
; FILE REFERENCE: 17026/00/US
; CURRENT FILING DATE: 1998-07-24
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: IBM PC: Windows NT 4.0; Microsoft Word for Windows 7.0a
; SEQ ID NO 18
; LENGTH: 323
; TYPE: PRT
; ORGANISM: artificial sequence
; SEQ IDN: artificial sequence
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9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 35.3%; Score 529; DB 4; Length 323; Best Local Similarity 47.5%; Pred. No. 9.5e-51; Matches 126; Conservative 3; Mismatches 130; Indels
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CTHER INFORMATION: ungure at all Xaa locations US-09-122-315C-18
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                                                                                LYLQARMKGDWARLLRPT 201
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US-09-270-767-43247
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FVALYLQARMKGDWARLLRPTLQFGLVAVSIXVGLSRVSDYKHHWSDVLTGLIQGALVAI
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US-09-360-376-55

Sequence 55, Application US/09360376

Patent No. 6495739

GENERAL INFORMATION:

APPLICANT: Lassner, Michael

APPLICANT: Ruezinsky, Diane

TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES

FILE REFERENCE: 17026/01/US

CURRENT APPLICATION NUMBER: US/09/360,376

CURRENT FILING DATE: 1999-07-23

PRIOR PILING DATE: 1998-07-24

NUMBER OF SEQ ID NOS: 55

SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                             Length 282;
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
SEQ ID NO 54
LENGTH: 282
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  25; Indels
                                                                                                                                                                                                                                                                          Query Match 83.2%; Score 1248; DB 4; Best Local Similarity 83.1%; Pred. No. 1.7e-131; Matches 236; Conservative 21; Mismatches 25;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  , ORGANISM: Homo sapiens US-09-360-376-55
                                                                                                                                                                                                                    ; ORGANISM: Rattus sp. US-09-360-376-54
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LENGTH: 233
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HFLDVCDPDWSKINCSDGYIBYYIC-RGNAERVKEGRLSFYSGHSS--FSMYCMLFVALY 185 152 GRLRPHFLSVCNPDFSQINCSEGYIQNYRCRGDDSKVQEARKSFFSGHASFSMYTMLYLV 211 69 IVIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTDIAKYSIGRLRP 128 186 LOARMKGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVAILVAVY 245 GRLRPHFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVA 183 219 LÓARXXXXARLXRPMXXPXXXXXXXXXLSRXXDYXHHXXDVXXGXXXXGXXXAXXXX 278 Sequence 43247, Application US/09270767

Sequence 43247, Application US/09270767

Patent No. 6703491

GENERAL INFORMATION:

TITLE OF INVENTION:

FILE REFERENCE: File Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 43247

LENGTH: 412 12 LDVLCVLLAGLPFAI-LTSRHTPFQRGVFCNDESIKYPY--KEDTIPYALLGGIIIPFSI 39 LDVXCXXXAGLPFX1XXXXXXXPFXRGXXCNDXS1KYPYXXXEXT1XXALLXXXX1XXX1 Gaps

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                                                                                                                                                                                                                                                  170 GHSSFSMYCMLFVALYLQARMKGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVL 229
                                                                                                                                                                                                                                                                                                                                                                                            119 VYA----VLLPIIVFVCF-------YLKRTCVYDLHHSILGLLFAVLITGV 158
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        175 SMYCMLFVALYLQARMK----GDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVL 229
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               119 AKYSIGRLRPHFLDVCDPDWSK-INCSD-----GYIEYYICRG---NAERVKEGRLSFYS 169
                                                                                                                                                                                                                                                                                                                                 238 AKYSIGRLRPHFYTLCOPVMKDGTTCSDPINAARYIEEFTCAAVDITSKOLKDMRLSFPS 297
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               56 -YALLGGIIIPFSIIVIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASOS 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     115 LTDIAKYSIGRLRPHFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSF 174
                                                                                                                                                          15 LCVL-LAGLPFAILTSRHTPFQRGVFCNDESIKYPYKEDTIP----YALLGGIIIPFSII 69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4 KTRLPYVALDVLCVLLAGLPFAILTSRHTPFQRGV---FCNDESIKYPYKEDTIP----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             48; Gaps
                                                                                                                      27;
                                                                                        Length 412;
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Patent No. 6495739

GENERAL INFORMATION:
APPLICANT: Lassner, Michael
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR APPLICATION SEE 1598-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
SEQ ID NO 13
LENGTH: 348
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 18.2%; Score 273; DB 4; Length 348; Best Local Similarity 30.8%; Pred. No. 5.5e-22; Matches 77; Conservative 44; Mismatches 81; Indels
                                                                                                                        Indels
                                                                                       DB 4;
                                                                                    Query Match 27.0%; Score 404.5; DB 4 Best Local Similarity 37.2%; Pred. No. 1.3e-36; Matches 94; Conservative 44; Mismatches 88
                 ; FEATURE:
; OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-43247
ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                358 AGSGIGLTYAVVV 370
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US-09-360-376-13
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130 WRCFPD--GIGIFHNVTKNVLCTGAKDVVKEGHKSFPSGHTSWSFAGLGFLSLYLSGKIR 187
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               72 ILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASOSLTDIAKYSIGRLRPHFL 131
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Sequence 12, Application US/09360376

Batent No. 6495739

GENERAL INFORMATION:
APPLICANT: Lassner, Michael
APPLICANT: Lassner, Michael
APPLICANT: Ruezinsky, Diane
TILE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
SOFTWARE: Patentin version 3.0
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Sequence 17, Application US/09360376

Patent No. 6495739

GENERAL INFORMATION:

APPLICANT: Lassner, Michael

APPLICANT: Lassner, Michael

APPLICANT: Ruezinsky, Diane

TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES

FILE REFERENCE: 17026/01/US

CURRENT APPLICATION NUMBER: US/09/360,376

CURRENT FILING DATE: 1999-07-23

PRIOR APPLICATION NUMBER: US 09/122,315

PRIOR FILING DATE: 1998-07-24

NUMBER OF SEQ ID NOS: 55

SOFTWARE: PatentIn version 3.0

SEQ ID NO 17
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Best Local Similarity 32.2%
Matches 76; Conservative
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273 AGALIGTLVA 282
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; ORGANISM: Glycine sp.
US-09-360-376-17
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LENGTH: 322
TYPE: PRT
ORGANISM: Glycine sp.
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Matches 74; Conserv
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TYPE: PRT
ORGANISM: Zea mays
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US-09-248-796A-15660
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           130
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                                                                                                                                                                                      | | : | | : | : | : | : | : | EVIFIEI------YFRRRDVYDLHHAVLGLLYSVLVTAVLTDAIKNAVG 122
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                                                               -İVİFLG-------VYİRRRDVYDLHHAVLGLLFSVLITAVFTEAIKNAVGRPR 149
                                                                                                                                           PHFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVALYLQ 187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PFSIIVIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTDIAKYSIG 124
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                                                                                                                                                                                                                                                                                                                               14 VLCVLLAGLPFAILTSRHTPFQRGVFCNDE---SIKYPYKEDTIP-----YALLGGIII
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Sequence 16, Application US/09360376
Patent No. 6495739
GENERAL INFORMATION:
APPLICANT: Lassner, Michael
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Lassner, Michael APPLICANT: Lassner, Michael APPLICANT: Lassner, Diane TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES FILE REFERENCE: 17026/01/US CURRENT APPLICATION NUMBER: US/09/360,376 CURRENT FILING DATE: 1999-07-23 PRIOR APPLICATION NUMBER: US 09/122,315 PRIOR FILING DATE: 1998-07-24 NUMBER OF SEQ ID NOS: 55 SOFTWARE: Patentin version 3.0
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Patent No. 6495739
GENERAL INFORMATION:
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70 VIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTDIAKYSIGRLRPH 129
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               128 FFWRCFPDGKGV--FDPVTSNVLCTGDKGVIKEGHKSFPSGHTSWSFAGLVYLAWYLSGK 185
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                146 GYIEYYICRGNAERVKEGRLSFYSCHSSFSMYCMLFVALYLQARM-----KGDWARL--- 197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  13 DVLCVLLAGLPFAILTSRHTPFQRGVFCND---ESIKYPYKEDTIPYALLGGIIIPFSII 69
                                                                                                                                                                                                                                                                                                                                                                        87 -FKKKNFYDLHHGILG-ILYSVLITAVITDAIKDGVGRPRPDFFWRCFPNGNDVYDNITT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          33 PFQRGVFCNDE---SIKYPYKEDTIPY--ALLGGIIIPFSIIVIILGETLSVYCNLLHSN
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                                                                                                                                                                                                                                                                                   90; Indels
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APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
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                                                                                                                                                                                                                          16.6%; Score 249; DB 4; 31.5%; Pred. No. 2.4e-19;
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                                                                                                                                                                                                                                                                                   41; Mismatches
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; Patent No. 6495739
; GENERAL INFORMATION:
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
SEQ ID NO 16
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Search completed: November 2, 2005, 21:48:55 Job time: 19.4429 secs
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Sequence 15660, Application US/09248796A
Patent No. 6747137
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 15660
LENGTH: 243
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    180 LFVALYL--QARMKGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGAL 237
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APPLICANT: Lagener, Michael
APPLICANT: Lagener, Michael
APPLICANT: Ruezinsky, Diane
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 13.4%; Score 200.5; DB 4; Best Local Similarity 29.2%; Pred. No. 4.5e-14; Matches 63; Conservative 35; Mismatches 87;
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190 IAIWQYFRLFPWFGGNQANDSFNNRIMIEEIKRKEE 225
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US-09-360-376-52
; Sequence 52, Application US/09360376
; Patent No. 6495739
; GENERAL INFORMATION:
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US-09-248-796A-15660
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LENGTH: 289
TYPE: PRT
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174 FS-----MYCMLFVALYLQARMKGDWARLLR--PTLQFGLVAVSIYVGLSRVSDYKHHW 225
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                                                                                                                                                                                                                                                                  226 VDVILGSMLGYIMA------HFFYRRIFPPIDDPLPFKPLM-DDSDVTLEBAVT 272
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Sequence 1, Appli
Sequence 346, App
Sequence 348, App
Sequence 49, Appl
Sequence 13, Appl
Sequence 2, Appli
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Sequence 136, App
Sequence 136, App
Sequence 1, Appli
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1408.915 Million cell updates/sec
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                                                                                                                                 November 2, 2005, 21:46:06 ; Search time 84.2664 Seconds
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1500
1 MFDKTRLPYVALDVLCVLLA.......HTTLHETPTTGNHYPSNHQP 284
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Sequence
Sequence
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/ cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep:*

/ cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep:*

/ cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep:*

/ cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep:*

/ cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep:*

/ cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep:*

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Copyright (c) 1993 - 2005 Compugen Ltd.
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US-10-643-795A-136
US-10-948-518-136
US-10-655-601-1
US-10-287-226-346
US-10-491-467-49
US-10-812-238A-13
US-10-655-601-2
US-11-097-143-2046
US-11-097-143-14997
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Maximum Match 100%
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Maximum DB seq length: 200000000
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Sequence 912, App Sequence 41346, A Sequence 41352, A Sequence 5, Appli Sequence 270142, App Sequence 270149, App Sequence 29445, A Sequence 2750, App Sequence 203641, Sequence 203641, Sequence 203641, Sequence 225, App Sequence 125, App Sequence 125, App Sequence 203641, Sequence 203641, Sequence 203641, Sequence 25, App Sequence 203641, Sequence 203640, Sequence 203640, Sequence 203640, Sequence 203640, Sequence 203640, Sequence 203640, Asequence 203640, Asequence 203640, Asequence 233676, Asequence 2833, App Sequence 2833, App
                      912, App
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Sequence 157, Application US/10764425
; Sequence 157, Application US/10764425
; Publication No. US20040146921A1
; GENERAL INFORMATION:
; APPLICANT: Bayer Pharmaceuticals Corporation
; APPLICANT: Bayer Pharmaceuticals Corporation
; APPLICANT: Taylor, Ian
; APPLICANT: Taylor, Ian
; TITLE OF INVENTION: EXPRESSION PROFILES FOR COLON CANCER AND METHODS OF USE
; FILE REFERENCE: 5151
; CURRENT APPLICATION NUMBER: US/10/764,425
; CURRENT FILING DATE: 2004-01-23
; PRIOR FILING DATE: 2003-01-24
; NUMBER OF SEQ ID NOS: 191
; SOFTWARE: Patentin version 3.2
; SOFTWARE: Patentin version 3.2
; SOFTWARE: Patentin version 3.2
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CORGANISM: Homo sapiens
US-10-764-425-157
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241 ALVAILVAVYVSDFFKERTSFKERKEEDSHTTLHETPTTGNHYPSNHQP 289
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                                                                                                                   Sequence 136, Application US/10948518; Publication No. US20050064492A1; GENERAL INFORMATION: APPLICANT: FREDERIC J. DESAUVAGE; APPLICANT: GRETCHEN FRANTZ
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US-10-655-601-1
; Sequence 1, Application US/10655601
; Publication No. US20040137522A1
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KENNETH J. HILLAN
PAUL POLAKIS
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Best Local Similarity 97.99
Matches 283; Conservative
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US-10-948-518-136
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                                                                                                                           YSIGRLRPHFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCML
                                             121 YSIGRLRPHFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCML
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SEQUENCE 136, Application US/10643795A

PUBLICATION NO. US20040241703A1

GENERAL INFORMATION:

APPLICANT: FREDERIC J. DESAUVAGE

APPLICANT: GRETCHEN FRANTZ

APPLICANT: PAUL POLAKIS

APPLICANT: AUDREW POLSON

APPLICANT: AUDREW POLSON

APPLICANT: AUDREW POLSON

APPLICANT: AUDREW POLSON

APPLICANT: THOMAS D. WU

TITLE OF INVENTION: TREATMENT OF TUMOR

TITLE OF INVENTION: TREATMENT OF TUMOR

TITLE OF INVENTION: TREATMENT OF TUMOR

TITLE OF INVENTION: TREATMENT OF TUMOR

TITLE OF INVENTION UNMERR: US/10/643,795A

CURRENT APPLICATION NUMBER: US 60/404,809

PRIOR FILING DATE: 2002-08-19

PRIOR FILING DATE: 2002-08-19

PRIOR APPLICATION NUMBER: US 60/405,645

PRIOR APPLICATION NUMBER: US 60/413,192

PRIOR APPLICATION NUMBER: US 60/413,192

PRIOR APPLICATION NUMBER: US 60/413,192

PRIOR APPLICATION NUMBER: US 60/413,192

PRIOR APPLICATION NUMBER: US 60/413,192

PRIOR PILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: US 60/419,008

PRIOR FILING DATE: 2002-10-15

PRIOR PILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: US 60/419,959

PRIOR PILING DATE: 2003-07-02

NUMBER: OF SEQ ID NOS: 158

LENGTH: 289
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                                                                                                                                                                             LVAVYVSDFFKERTSFKERKEEDSHTTLHETPTTGNHYPSNHQP 284
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Best Local Similarity 97.9%; Pred. No. 6.3e-147;
Matches 283; Conservative 1; Mismatches 0;
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61 YALLGGIIIPFSIIVIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQSL 120
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APPLICANT: FAUL FULLARIS
APPLICANT: ANDREW POLSON
APPLICANT: VICTORIA SMITH
APPLICANT: VICTORIA SMITH
APPLICANT: SUSAN D. SPENCER
APPLICANT: THOMAS D. WU
APPLICANT: THOMAS D. WU
TITLE OF INVENTION: TREATMENT OF TUMOR
TITLE OF INVENTION: TREATMENT OF TUMOR
FILE REFERENCE: P5026R1-US
CURRENT APPLICATION NUMBER: US/10/948,518
CURRENT FILING DATE: 2004-09-22
PRIOR PELING DATE: 2002-08-19
PRIOR FILING DATE: 2002-08-19
PRIOR FLING DATE: 2002-08-19
PRIOR FLING DATE: 2002-08-23
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PRIOR FLING DATE: 2002-08-23
PRIOR FLING DATE: 2002-01-15
PRIOR FLING DATE: 2003-07-02
NUMBER OF SEQ ID NO 136

**MANDAL OF SEQ ID NO 136
**MANDAL OF SEQ ID NO 136
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    178 CMLFVALYLQARMKGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGAL
        APPLICANT: Feany, Mel B.
APPLICANT: Shulman, Joshua M.
TITLE OF INVENTION: Genes and Proteins Altering Tau-Related Neuropathy
FILE REFERENCE: 7570/73251
CURRENT APPLICATION NUMBER: US/10/655,601
CURRENT FILING DATE: 2003-09-05
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin version 3.1
SEQ ID NO 1
LENGTH: 285
                                                                                                                                                                                                                                                                                                      5;
                                                                                                                                                                                                                                                                   DB 16; Length 285;
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es 19; Indels
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Pred. No. 1.2e
8; Mismatches
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APPLICANT: Agee, Michele L.,
APPLICANT: Alsobrook, John P.,
APPLICANT: Berghs, Constance,
APPLICANT: Boldog, Ference,
APPLICANT: Burgess, Catherine E.,
APPLICANT: Chant, John S.,
APPLICANT: Chaut, John S.,
APPLICANT: Chaudhuri, Amitabha,
APPLICANT: Chaudhuri, Amitabha,
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Ort, Tatiana,
Padigaru, Muralidhara,
Patturajan, Meera,
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Malyankar, Uriel M.,
MacDougall, John R.,
Mezes, Peter S.
Miller, Charles B.,
Millet, Isabelle,
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88.9%;
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Gangolli, Esha A.
Gorman, Linda,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Valerie,
                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 88.9
Matches 255; Conservative
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                                                                                                                                                                                                         ORGANISM: Homo sapiens
US-10-655-601-1
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GENERAL INFORMATION:
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68 LDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVALYLQARM 127
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                                                                                                                                                           APPLICANT: Spycek, KINDERION A.,
APPLICANT: Spycek, KINDERION A.,
APPLICANT: Spycek, KINDERION A.M.,
APPLICANT: Vernet, Corine A.M.,
APPLICANT: Zerhusen, Bryan D.,
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-480C
CURRENT APPLICATION NUMBER: 60/354,392
PRIOR FILING DATE: 2001-11-30
PRIOR FILING DATE: 2002-02-04
PRIOR PELICATION NUMBER: 60/364,000
PRIOR PELICATION NUMBER: 60/364,000
PRIOR PELICATION NUMBER: 60/364,000
PRIOR PELICATION NUMBER: 60/364,409
PRIOR PELING DATE: 2002-03-13
PRIOR FILING DATE: 2001-11-30
PRIOR FILING DATE: 2002-02-04
PRIOR PELICATION NUMBER: 60/364,27
PRIOR APPLICATION NUMBER: 60/364,27
PRIOR PELING DATE: 2002-03-13
PRIOR FILING DATE: 2002-03-13
PRIOR PELING DATE: 2001-11-30
PRIOR PELING DATE: 2001-11-30
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PRIOR APPLICATION NUMBER: 60/334,027
PRIOR PELING DATE: 2001-11-20
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PRIOR PELING DATE: 2001
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Rothenberg, Mark E.,
Shenoy, Suresh G.,
Spaderna, Steven K.,
Spytek, Kimberley A.,
Taupier, Jr., Raymond J.,
Vernet, Corine A.M.,
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APPLICANT: Agee, Michele L.,
APPLICANT: Alsobrook, John P.,
APPLICANT: Berghs, Constance,
APPLICANT: Boldog, Ference,
APPLICANT: Burgess, Catherine E.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 75.63
Best Local Similarity 100.0
Matches 214; Conservative
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US-10-287-226-346
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US-10-287-226-348
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LDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVALYLQARM 190
                                      68 LDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVALYLQARM 127
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                                                                                                                                                                                                                                                                             KERTSFKERKEEDSHTTLHETPTTGNHYPSNHQP 221
                                                                                                                                                                                                                                         KERTSFKERKEEDSHTTLHETPTTGNHYPSNHOP 284
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: INCYTE CORPORATION; BANDMAN, Olga; APPLICANT: BAUGHN. Mariah D. Freed, APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          // NAME/KEY: misc feature
// OTHER INFORMATION: Incyte ID No: 7503176CD1
US-10-491-467-49
                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 49, Application US/10491467 Publication No. US20050186568A1 GENERAL INFORMATION:
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ORGANISM: Homo sapiens
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NAME/KEY:
    131
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APPLICANT: Rascelli, Luca,
APPLICANT: Rascelli, Luca,
APPLICANT: Rascelli, Luca,
APPLICANT: Rescelli, Luca,
APPLICANT: Shenory, Mark E.,
APPLICANT: Spaderna, Steven K.,
APPLICANT: Spaderna, Steven K.,
APPLICANT: Taupier, Jr., Raymond J.,
APPLICANT: Zerhusen, Bryan D.,
APPLICANT: Zoro2-11-04
PRIOR FILING DATE: 2001-11-04
PRIOR FILING DATE: 2002-02-07
PRIOR FILING DATE: 2002-02-07
PRIOR FILING DATE: 2002-03-13
PRIOR FILING DATE: 2002-03-13
PRIOR FILING DATE: 2001-11-30
PRIOR FILING DATE: 2001-11-30
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PRIOR FILING DATE: 2001-11-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Padigaru, Muralidhara,
Patturajan, Meera,
Chant, John S.,
Chaudhuri, Amitabha,
DiPippo, Vincent A.,
Edinger, Shlomit R.,
                                                                                                                                                                                                                                                                                                                                                      Li, Li,
Malyankar, Uriel M.,
MacDougall, John R.,
Mezes, Peter S.
Miller, Charles E.,
Millet, Isabelle,
Ooi, Chean Eng,
                                                                                                                                                                                                                                                                                                                            Khramtsov, Nikolai,
                                                                                                                                          Ellerman, Karen,
Gangolli, Esha A.,
                                                                                                                                                                                                     Gorman, Linda,
Gerlach, Valerie,
Ji, Weizhen,
Kekuda, Ramesh,
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; ORGANISM: Homo sapiens
US-10-287-226-348
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KGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVAILVAVYVSDFF 250
                                               128 KGDWARLLRPILQFGLVAVSIYVGLSRVSDYKHWSDVLTGLIQGALVAILVAVYVSDFF 187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        22 LPFAILTSRHTPFQRGVFCNDESIKYPYKEDTIPYALLGGIIIPFSIIVIILGETLSVYC 81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                6 LPFAILTLVNAPYKRGFYCGDDSIRYPYRPDTITHGLMAGVTITATVILVSAGEAYLVYT
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APPLICANT: BAUGHN, Mariah R.; BECHA, Shanya D.;
APPLICANT: BAUGHN, Mariah R.; BECHA, Shanya D.;
APPLICANT: EMERLING, Brooke M.; FORSYTHE, Ian J.;
APPLICANT: GANDHI, Ameena R.; GORVAD, Ann E.;
APPLICANT: GANDHI, Ameena R.; GORVAD, Ann E.;
APPLICANT: HAFALIA, April J.A.; KHAN, Farrah A.;
APPLICANT: LEE, Sco Yenn; LINDQUIST, Erika A.;
APPLICANT: LEE, Sco Yenn; LINDQUIST, Erika A.;
APPLICANT: LEE, Sco Yenn; LINDQUIST, Erika A.;
APPLICANT: LEC, Sco Yenn; LINDQUIST, Erika A.;
APPLICANT: LEC, Sco Yenn; LINDQUIST, Danniel B.;
APPLICANT: ARVIZU, Chandra S.; RAWKUMAR, Jayalaxmi;
APPLICANT: RECIPON, Shirley A.; RICHARDSON, Thomas W.;
APPLICANT: RECIPON, Shirley A.; RICHARDSON, Thomas W.;
APPLICANT: CHAWLA, Narinder K.; WARREN, Bridget A.;
APPLICANT: THORNYON, Michael B.; TRAN, Uyen K.;
APPLICANT: THORNYON, Michael B.; TRAN, Uyen K.;
APPLICANT: YUE, Henry; ZEBRAJADIAN, Yeganeh
TITLE OF INVENTION: KINASES AND PHOSPHATASES
FILE REFERENCE: PF-1244 USN
CURRENT FILING DATE: 2004-03-31
PRIOR FILING DATE: 2002-10-17
PRIOR PELICATION NUMBER: US 60/333,098
PRIOR FILING DATE: 2001-11-02
PRIOR FILING DATE: 2001-11-16
PRIOR PELICATION NUMBER: US 60/333,288
PRIOR FILING DATE: 2001-11-16
PRIOR PELING DATE: 2001-11-30
NUMBER OF SEQ ID NOS: 104
SEQ ID NO 49
SEQ ID NO 49
SEQ ID NO 49
SEQ ID NO 49
SEQ ID NO 49
SEQ ID NO 49
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APPLICANT: et al.

TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID

TITLE OF INVENTION: DROSOPHILA GENES.

TITLE OF INVENTION: DROSOPHILA GENES.

TITLE OF INVENTION: DROSOPHILA GENES.

FILE REFERENCE: CL000728

CURRENT APPLICATION NUMBER: US/11/097,143

CURRENT FILING DATE: 2005-04-04

PRIOR APPLICATION NUMBER: 60/167,832

PRIOR APPLICATION NUMBER: 60/160,191

PRIOR APPLICATION NUMBER: 60/161,932

PRIOR FILING DATE: 1999-10-28

PRIOR FILING DATE: 1999-11-12

PRIOR FILING DATE: 1999-11-12

PRIOR FILING DATE: 1999-11-12

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-02-24

PRIOR FILING DATE: 2000-02-24

PRIOR FILING DATE: 2000-02-24

PRIOR APPLICATION NUMBER: 60/191,637

PRIOR FILING DATE: 2000-02-24

PRIOR FILING DATE: 2000-03-23

**MAMADED OF CEOUTY NUMBER: 60/191,637
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      152 GRLRPHFLSVCNPDFSQINCSEGYIQNYRCRGDDSKVQEARKSFFSGHASFSMYTMLYLV 211
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                                                                                                                                                                                                                                                                                                                                                                                                                                   124 GRLRPHFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVA 183
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            212 LYLQARFTWRGARLLRPLLQFTLIMMAFYTGLSRVSDHKHHPSDVLAGFAQGALVACCIV 271
                                                                                                                                                                                                                                                                                                                                           6 RLPYVALDVLCVLLAGLPFAIL-TSRHTPFQRGVFCNDESIKYPYKE-DTIPYALLGGII 63
                                                                                                                                                                                                                                                                                                                                                                                                      64 IPFSIIVIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTDIAKYSI
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лея 67; Indels
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                                                                                                                                                                                                                                                                      37; Mismatches
                                                                                                                                                                                                                             Score 710.5;
Pred. No. 1.3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Sequence 2046, Application US/11097143
; Publication No. US20050208558A1
; GENERAL INFORMATION:
                 CURRENT FILING DATE: 2003-09-NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin version 3.1
SEQ ID NO 2
        CURRENT APPLICATION NUMBER:
                                                                                                                                                                                                                         Query Match
Best Local Similarity 57.2
Matches 143; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Venter, J. Craig
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                                                                                                                                   TYPE: PRT
ORGANISM: Homo sapiens
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                                                                     201 TLOFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVAILVAVYVSDFFKERTSFKERK 260
                                                                                                                                                       DRLYSRSDF-NNYVAAVYKVLGTFLFGAAVSQSLTDLAKYMIGRLRPNFLAVCDPDWSRV 124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        64 IPFSIIVIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTDIAKYSI 123
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APPLICANT: Shulman, Joshua M.
TITLE OF INVENTION: Genes and Proteins Altering Tau-Related Neuropathy
FILE REFERENCE: 7570/73251
                                                                                                                                                                                                                                                                                                                                                                      Sequence 13, Application US/10812238A;
Publication No. US20050002904A1;
GENERAL INFORMATION:
APPLICANT: Wary, Kishore, K.
APPLICANT: Humtsoe, Joseph O.
TITLE OF INVENTION: Uses of Vascular Endothelial Growth Factor;
TITLE OF INVENTION: and Type I Collagen Inducible Protein (VCIP);
FILE REFERENCE: D6563;
CURRENT FILING DATE: 2004-03-29
PRIOR APPLICATION NUMBER: US 60/458,164
PRIOR FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 67; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 47.8%; Score 716.5; DB 1
Best Local Similarity 57.1%; Pred. No. 3.1e-66;
Matches 144; Conservative 38; Mismatches 67
                                                                                                                                                                                                                    EE--DSHTTLHETPTTG----NHYPSNH 282
                                                                                                                                                                                                                                                      EELERKPSLSLTLTLGEADHNHYGYPH 271
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2, Application US/10655601
Publication No. US20040137522A1
GENERAL INFORMATION:
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CTHER INFORMATION: human VCIP
US-10-812-238A-13
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272 FFVSDLFKTKTT 283
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Unknown
                                                                                                                                                                                                                                                                                                                               RESULT 8
US-10-812-238A-13
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LENGTH: 311
TYPE: PRT
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APPLICANT: et al.

TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID

TITLE OF INVENTION: DROSOPHILA GENES.

TITLE OF INVENTION: DROSOPHILA GENES.

FILE REFERENCE: CLOOO728

CURRENT APPLICATION NUMBER: US/11/097,143

CURRENT FILING DATE: 2005-04-04

PRIOR APPLICATION NUMBER: 60/157,832

PRIOR FILING DATE: 1999-10-05

PRIOR APPLICATION NUMBER: 60/160,191

PRIOR APPLICATION NUMBER: 60/161,932

PRIOR FILING DATE: 1999-10-19

PRIOR FILING DATE: 1999-11-12

PRIOR FILING DATE: 1999-11-12

PRIOR FILING DATE: 1999-11-12

PRIOR FILING DATE: 1999-11-28

PRIOR FILING DATE: 1999-11-28

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-01-12

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      143 LLTFDATEVGKYTIGRLRPHFLAVCQPQIADGSM--CSDPVNLHRYMENYDCAGEGFTVE 200
                                                                                                  RVKEGRLISFYSCHSSFSMYCMLFVALYLQARMKGDWARLLRPTLQFGLVAVSIYVGLSRV 218
                                                                                                                                                                                                                               AASOSLIDIAKYSIGRLRPHFLDVCDP---DWSKINCSD----GYIEYYICRG---NAE 158
                                                                                                                                                                                               SDYKHHWSDVLTGLIQGALVAILVAVYVSDFFKERTS---FKERKEEDSHTTLHE--TPT_273
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       31 HTPFQRGVFCNDESIKYPYKEDTI--PYALLGGIIPFSIIVIILGETLSVYCNLLHSNS
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; Pred. No. 4.7e-34;
46; Mismatches 91;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 24018, Application US/11097143
Publication No. US20050208558A1
GENERAL INFORMATION:
APPLICANT: Venter, J. Craig
APPLICANT: et al.
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Best Local Similarity 37.5%;
Matches 99; Conservative 4:
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US-11-097-143-24018
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TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: DRRRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
TITLE OF INVENTION: DROSOPHILA GENES.
FILE REFERENCE: CLO00728
CURRENT PELLING DATE: 1909-10-04
PRIOR APPLICATION NUMBER: 60/150, 832
PRIOR FILING DATE: 1999-10-05
PRIOR FILING DATE: 1999-10-08
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 60/164, 769
PRIOR PELLING DATE: 1999-11-12
PRIOR PELLING DATE: 1999-11-12
PRIOR PELLING DATE: 1999-11-12
PRIOR PELLING DATE: 1999-11-12
PRIOR PELLING DATE: 1999-11-12
PRIOR PELLING DATE: 2000-01-28
PRIOR PELLING DATE: 2000-01-24
PRIOR APPLICATION NUMBER: 60/175, 693
PRIOR PILING DATE: 2000-01-12
PRIOR PILING DATE: 2000-01-12
PRIOR PELLING DATE: 2000-01-12
PRIOR PELLING DATE: 2000-01-12
PRIOR PELLING DATE: 2000-01-12
PRIOR APPLICATION NUMBER: 60/191, 637
PRIOR PELLING DATE: 2000-03-23
NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 14997
LENGTH: 340
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                                                                                                                                                                                                                                                                                                    163 GRISFYSGHSSFSMYCMLFVALYLQARMKGDWARLLRPTLOFGLVAVSIYVGLSRVSDYK 222
                                                                                                                                                                                                                                                                                                                                                                                                   GIIIPFSIIVI---ILGETLSVYCN-LLHSNSFIRNNY-----IATIYKAIGTFLFGAAA 111
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                                                                         3 DKTRLPYVALDVLCVLLAGLPFAILTSRHTPFQRGVFCNDESIKYPYKEDTIPYALLG--
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                           Indels
   pred. No. 4.2e-47;
44; Mismatches 85;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              HHWSDVLTGLIQGALVAILVAVYVSDFFKE 252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 14997, Application US/11097143
Publication No. US20050208558A1
GENERAL INFORMATION:
   44.8%;
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                           121; Conservative
Best Local Similarity
Matches 121; Conserv
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RESULT 15
US-11-097-143-41352
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APPLICANT: Venter, J. Craig
APPLICANT: Venter, J. Craig
APPLICANT: SUCH AS NUCLEIC ACID
TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: DETECTING EXPRESSION OF 10,000 OR MORE
TITLE OF INVENTION: DROSOPHILA GENES.
FILE REFERENCE: CL000728
CURRENT APPLICATION NUMBER: 60/157,832
PRIOR FILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-11-12
PRIOR FILING DATE: 1999-11-12
PRIOR FILING DATE: 1999-11-2
PRIOR FILING DATE: 1999-11-2
PRIOR FILING DATE: 1999-11-2
PRIOR FILING DATE: 1999-11-2
PRIOR FILING DATE: 1999-11-2
PRIOR FILING DATE: 1999-11-2
PRIOR FILING DATE: 1999-11-2
PRIOR FILING DATE: 1999-11-3
PRIOR FILING DATE: 1999-11-3
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-03-23
NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      130 DGTTCSDPINAARYIEEFTCAAVDITSKQLKDMRLSFPSGHASFACYSMLYLVIYLHRRM 189
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 41346, Application US/11097143
; Sequence 41346, Application US/11097143
; Publication No. US20050208558A1
; GENERAL INFORMATION:
; APPLICANT: Venter, J. Craig
; APPLICANT: et al.
; TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
; TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
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257 KERKEED --- SHITLHEIPTIGNH 277
                                         231 TGRIPPSLNYSHHLHHOLMADNNN 254
                                                                                                                                                       Sequence 912, Application US/11097143
Publication No. US20050208558A1
GENERAL INFORMATION:
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Best Local Similarity 37.9%
Matches 88; Conservative
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67 PNAVIVVVELFRQLPGGPLREAGGKRDS--CRIAHR-----LGVLYRQVIFYLYGLA 116
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TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
TITLE OF INVENTION: DROSOPHILA GENES.
FILE REFERENCE: CLO00728
CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: 60/157,832
PRIOR FILING DATE: 1999-10-05
PRIOR FILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-10-28
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CURRENT APPLICATION NUMBER: US/11/097,143

CURRENT FILING DATE: 2005-04-04

PRIOR APPLICATION NUMBER: 60/157,832

PRIOR FILING DATE: 1999-10-05

PRIOR FILING DATE: 1999-10-19

PRIOR FILING DATE: 1999-10-29

PRIOR FILING DATE: 1999-11-12

PRIOR FILING DATE: 1999-11-12

PRIOR FILING DATE: 1999-11-12

PRIOR FILING DATE: 1999-11-12

PRIOR FILING DATE: 1999-11-2

PRIOR FILING DATE: 1999-11-12

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-03-23
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 41346
LENGTH: 341
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; Publication No. US20050208558A1
; GENERAL INFORMATION:
; APPLICANT: Venter, J. Craig
DROSOPHILA GENES
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Best Local Similarity 36.0%
Matches 98; Conservative
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PRIOR FILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 60/173,383
PRIOR FILING DATE: 1999-12-28
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR FILING DATE: 2000-01-12
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-03-23
NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 41352
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CORGANISM: DROSOPHILA
US-11-097-143-41352
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